GT-I9200

User Manual

www.samsung.com

About this manual

This device provides high quality mobile communication and entertainment using Samsung's high standards and technological expertise. This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Images and screenshots may differ in appearance from the actual product.
- Content may differ from the final product, or from software provided by service providers or carriers, and is subject to change without prior notice. For the latest version of the manual, refer to the Samsung website, *www.samsung.com*.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Applications related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Available features and additional services may vary by device, software, or service provider.
- Applications and their functions may vary by country, region, or hardware specifications. Samsung is not liable for performance issues caused by applications from any provider other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause the device or applications to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data tariff plan. For details, contact your service provider.

- Default applications that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an application provided with the device, contact a Samsung Service Centre. For user-installed applications, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

Instructional icons

⚠ **Warning**: situations that could cause injury to yourself or others

❗ **Caution**: situations that could cause damage to your device or other equipment

✎ **Note**: notes, usage tips, or additional information

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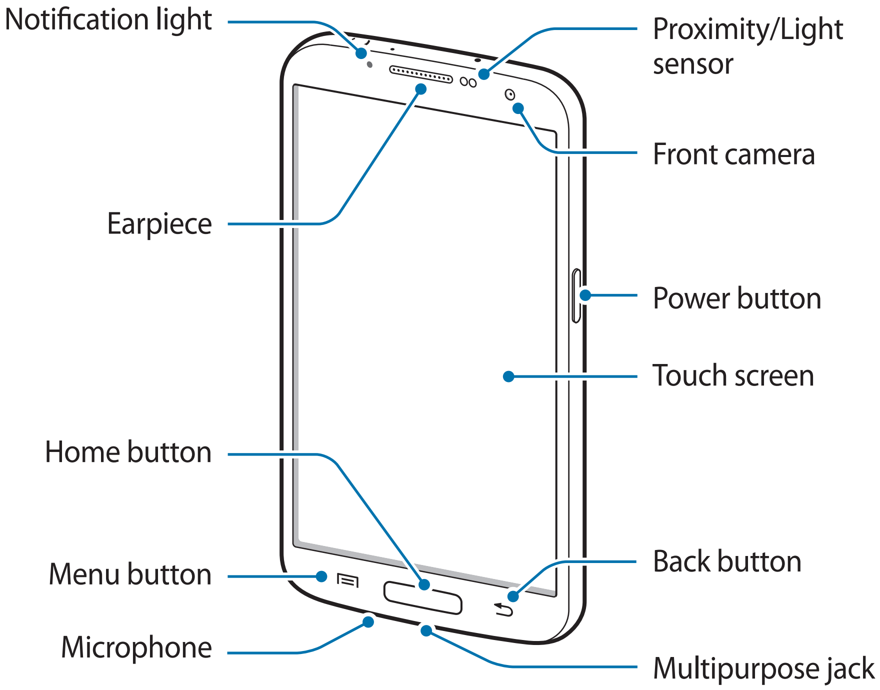
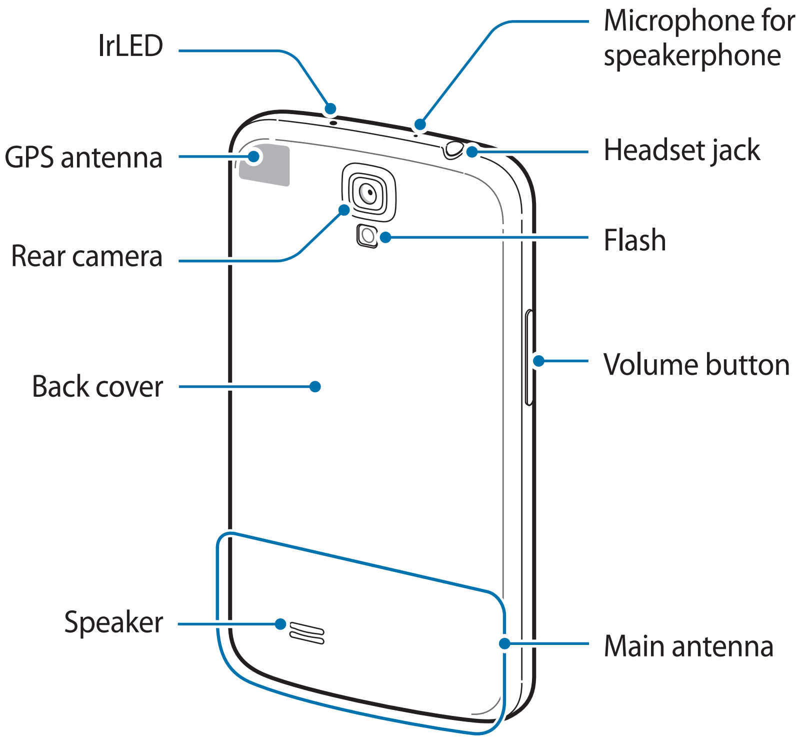
Getting started

Device layout


Notification light
Proximity/Light sensor
Front camera
Earpiece
Power button
Touch screen
Home button
Back button
Menu button
Microphone
Multipurpose jack


IrLED
Microphone for speakerphone
Headset jack
GPS antenna
Rear camera
Flash
Volume button
Back cover
Speaker
Main antenna

The microphone at the top of the device is active only when you use the speakerphone or take videos.

- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.
- Do not use a screen protector. This causes sensor malfunctions.
- Do not allow water to contact the touch screen. The touch screen may malfunction in humid conditions or when exposed to water.

Buttons

Button		Function
	Power	• Press and hold to turn the device on or off. • Press and hold for more than 7 seconds to reset the device if it has fatal errors or hang-ups, or freezes. • Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.
	Menu	• Tap to open a list of options available for the current screen. • Tap and hold on the Home screen to launch Google search.
	Home	• Press to return to the Home screen. • Press and hold to open the list of recent applications.
	Back	• Tap to return to the previous screen.
	Volume	• Press to adjust the device volume.

Package contents

Check the product box for the following items:

- Device
- Battery
- Quick start guide

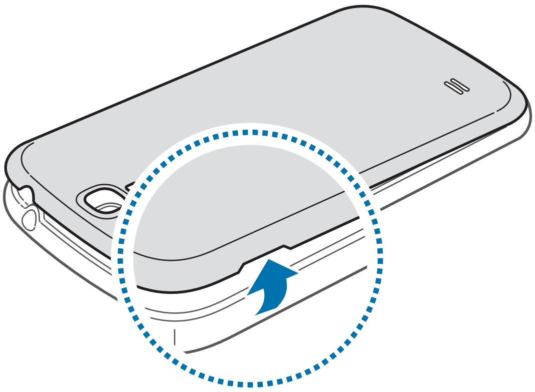
- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Other accessories may not be compatible with your device.
- Use only Samsung-approved accessories. Malfunctions caused by using unapproved accessories are not covered by the warranty service.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

Installing the SIM or USIM card and battery

Insert the SIM or USIM card provided by the mobile telephone service provider, and the included battery.

Only microSIM cards work with the device.

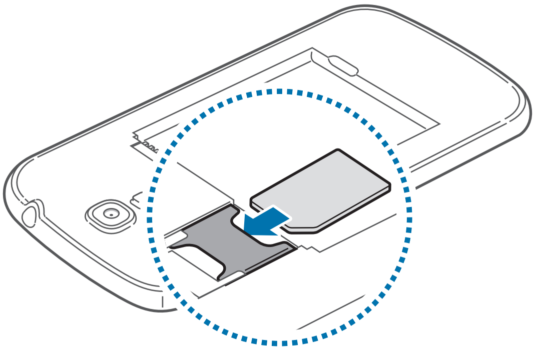
1 Remove the back cover.



Be careful not to damage your fingernails when you remove the back cover.

Do not bend or twist the back cover excessively. Doing so may damage the cover.

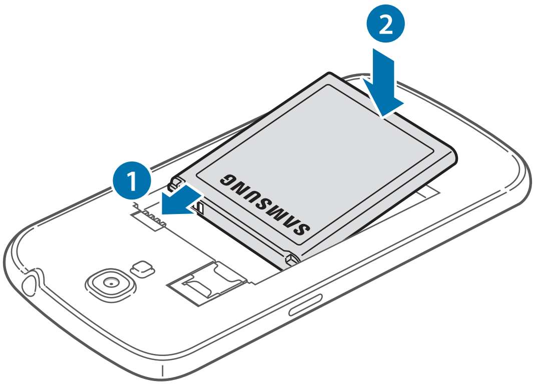
2 Insert the SIM or USIM card with the gold-coloured contacts facing downwards.



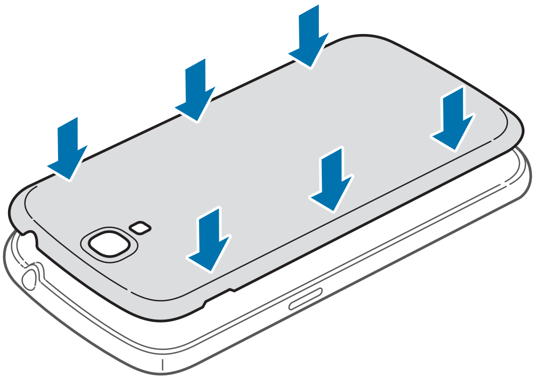
3 Push the SIM or USIM card into the slot until it locks in place.

- Do not remove the protective tape covering the antenna, as this can damage the antenna.
- Do not insert a memory card into the SIM card slot. If a memory card happens to be lodged in the SIM card slot, take the device to a Samsung Service Centre to remove the memory card.
- Use caution not to lose or let others use the SIM or USIM card. Samsung is not responsible for any damages or inconveniences caused by lost or stolen cards.

4 Insert the battery.



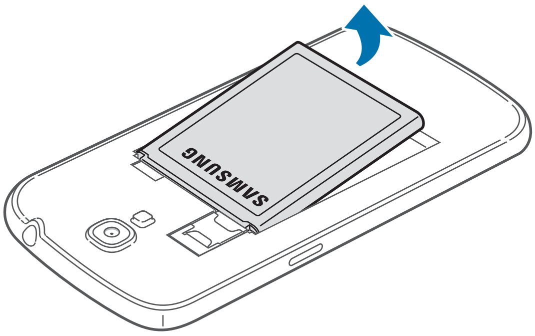
5 Replace the back cover.



Removing the SIM or USIM card and battery

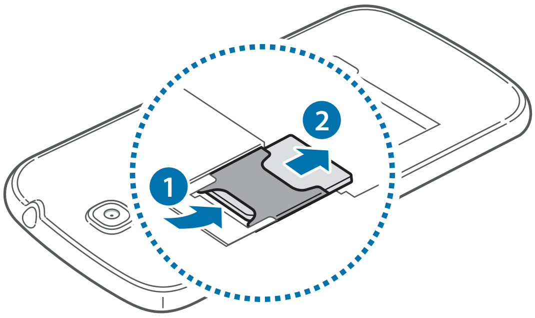
1 Remove the back cover.

2 Pull out the battery.



3 Pull out the SIM or USIM card.

To remove the SIM or USIM card, insert a fingertip into the hole and push the SIM or USIM card out of the slot, as shown in the image below.



Charging the battery

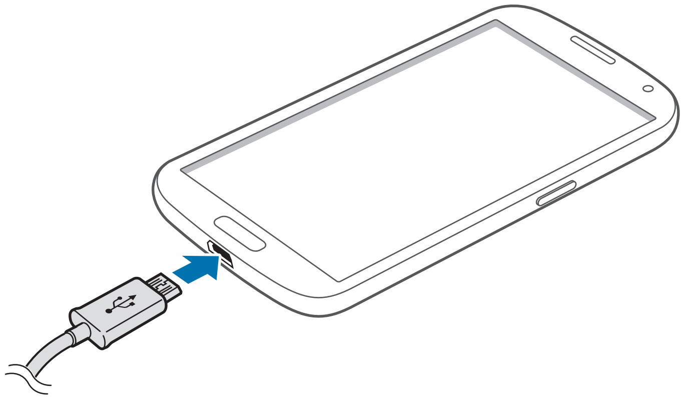
Use the charger to charge the battery before using it for the first time. A computer can be also used to charge the device by connecting them via the USB cable.

Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

- When the battery power is low, the device emits a warning tone and displays a low battery power message.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.

Charging with the charger

Connect the USB cable to the USB power adaptor and then plug the end of the USB cable into the multipurpose jack.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

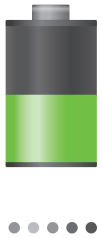
After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

Do not remove the battery before removing the charger. This may damage the device.

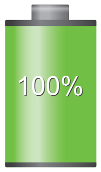
To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The device should remain close to the electric socket while charging.

Checking the battery charge status

When you charge the battery while the device is off, the following icons will show the current battery charge status:



Charging



Fully charged

Reducing the battery consumption

Your device provides options that help you save battery power. By customising these options and deactivating features in the background, you can use the device longer between charges:

- When you are not using the device, switch to sleep mode by pressing the Power button.
- Close unnecessary applications with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of applications.
- Decrease the backlight time.
- Decrease the brightness of the display.

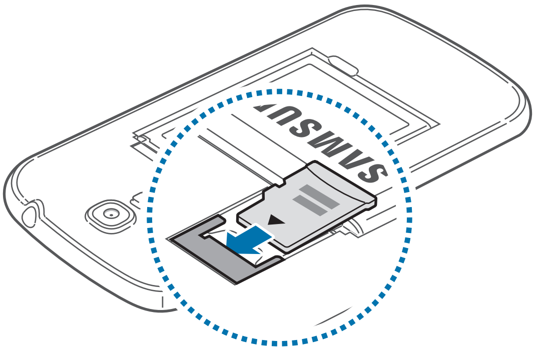
Inserting a memory card

Your device accepts memory cards with maximum capacities of 64 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card’s file directory appears in the **SD memory card** folder under the internal memory.

1. Remove the back cover.
2. Insert a memory card with the gold-coloured contacts facing downwards.
3. Push the memory card into the slot.



4. Replace the back cover.

Removing the memory card

Before removing the memory card, first unmount it for safe removal. On the Home screen, tap **Apps** → **Settings** → **More** → **Storage** → **Unmount SD card**.

1. Remove the back cover.
2. Pull out the memory card.
3. Replace the back cover.

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

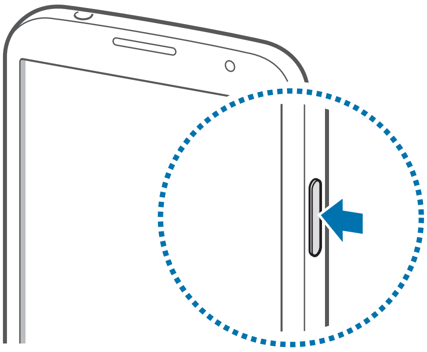
On the Home screen, tap **Apps** → **Settings** → **More** → **Storage** → **Format SD card** → **Format SD card** → **Delete all**.

Before formatting the memory card, remember to make backup copies of all important data stored on the device. The manufacturer’s warranty does not cover loss of data resulting from user actions.

Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn the device on and off.



- Follow all posted warnings and directions from authorised personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.
- Press and hold the Power button and tap **Airplane mode** to disable the wireless features.

To turn off the device, press and hold the Power button, and then tap **Power off**.

Holding the device

Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Locking and unlocking the device

When not in use, lock the device to prevent unwanted operation. Pressing the Power button turns off the screen and puts the device into lock mode. The device automatically gets locked if it is not used for a specified period.

To unlock the device, press the Power button or the Home button when the touch screen is turned off, tap anywhere on the screen, and then flick your finger in any direction.

Adjusting the volume

Press the Volume button up or down to adjust the ringtone volume, or to adjust the sound volume when playing music or video.

Switching to silent mode

Use one of the following methods:

- Press and hold the Volume button down until it switches to silent mode.
- Press and hold the Power button, and then tap **Mute** or **Vibrate**.
- Open the notifications panel at the top of the screen, and then tap **Sound** or **Vibrate**.

Indicator icons

The icons displayed at the top of the screen provide information about the status of the device. The icons listed in the table below are most common.

Icon	Meaning
⊘	No signal
📶	Signal strength
R📶	Roaming (outside of normal service area)
G	GPRS network connected
E	EDGE network connected
3G	UMTS network connected
H	HSDPA network connected
H+	HSPA+ network connected
🛜	Wi-Fi connected
ᛒ	Bluetooth feature activated
⌖	GPS activated
📞	Call in progress
✗	Missed call
🔄	Synced with the web
⭍	Connected to computer
▯	No SIM or USIM card
✉	New text or multimedia message

Icon	Meaning
⏰	Alarm activated
🔇	Silent mode activated
📳	Vibration mode activated
✈	Flight mode activated
⚠	Error occurred or caution required
🔋	Battery power level

Using the touch screen

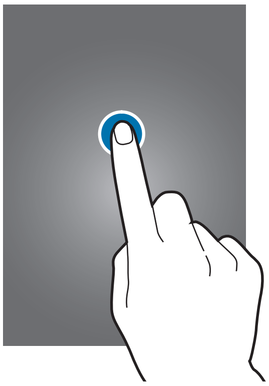
Use only fingers to use the touch screen.

- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to contact water. The touch screen may malfunction in humid conditions or when exposed to water.
- To avoid damaging the touch screen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.

Finger gestures

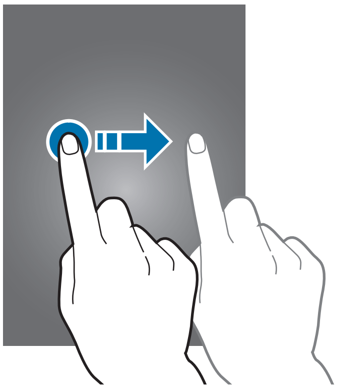
Tapping

To open an application, to select a menu item, to press an on-screen button, or to enter a character using the on-screen keyboard, tap it with a finger.



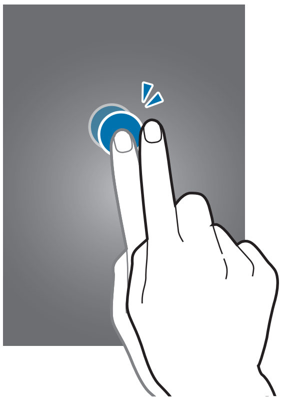
Dragging

To move an icon, thumbnail, or preview to a new location, tap and hold it and drag it to the target position.



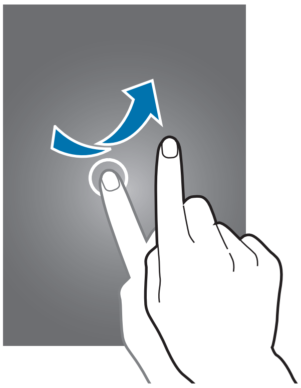
Double-tapping

Double-tap on a webpage, map, or image to zoom in a part. Double-tap again to return.



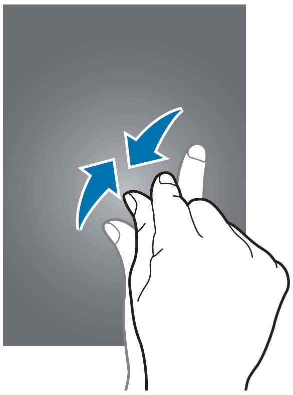
Flicking

Flick left or right on the Home screen or the Applications screen to see another panel. Flick up or down to scroll through a webpage or a list, such as contacts.



Pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.



Control motions

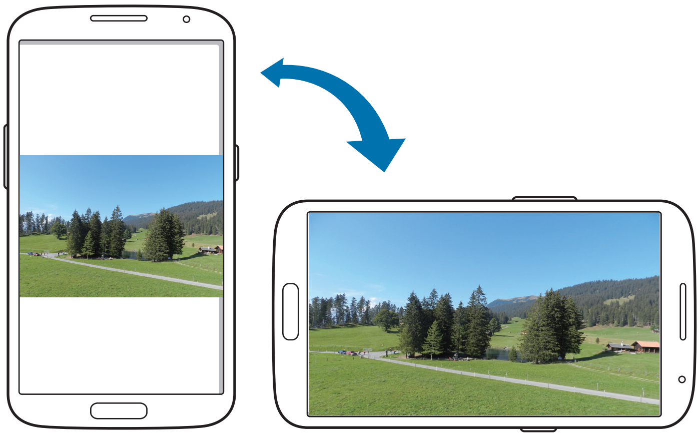
Simple motions allow easy control of the device.

Before using motions, make sure the motion feature is activated. On the Home screen, tap **Apps** → **Settings** → **My device** → **Motions and gestures** → **Motion**, and then drag the **Motion** switch to the right.

Excessive shaking or impact to the device may result in unintended inputs. Control motions properly.

Rotating the screen

Many applications allow display in either portrait or landscape orientation. Rotating the device causes the display to automatically adjust to fit the new screen orientation.

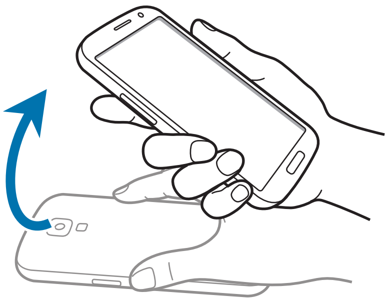


To prevent the display from rotating automatically, open the notifications panel and deselect **Screen rotation**.

- Some applications do not allow screen rotation.
- Some applications display a different screen depending on the orientation. The calculator turns into a scientific calculator when rotated to landscape.

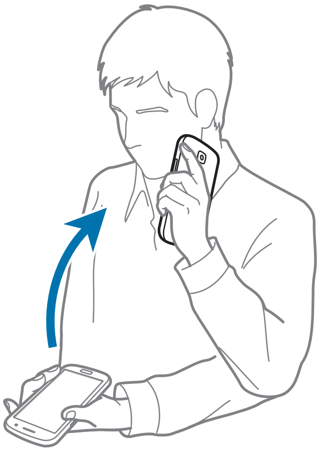
Picking up

When you pick up the device after it has been idle for some time or when the screen has turned off, it vibrates if you have missed calls or new messages.



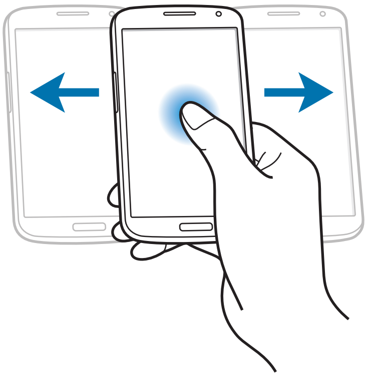
Holding to ear

While viewing call, message, or contact details, pick up and hold the device to your ear to make a call.



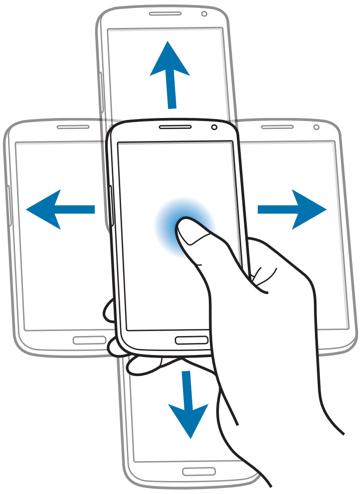
Panning to move

Tap and hold an item, and then move the device to the left or right to move the item to another panel on the Home screen or the Applications screen.



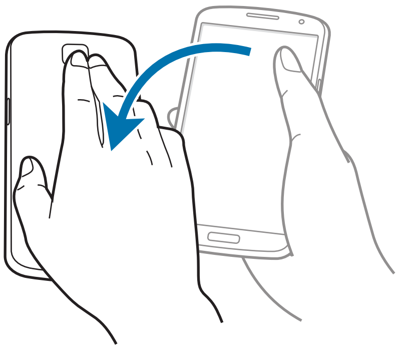
Panning to browse

When an image is zoomed in, tap and hold a point on the screen, and then move the device in any direction to browse the image.



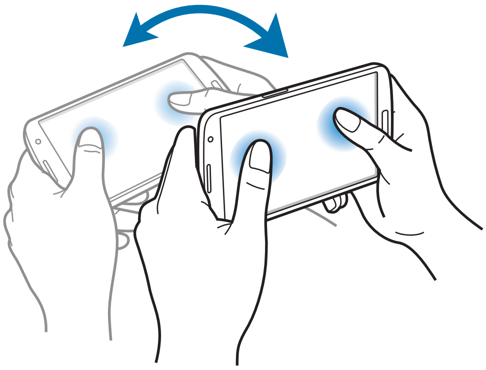
Turning over

Turn over the device to mute ringtone, pause media playback, or mute the FM radio (when using the speaker).



Tilting

Tap and hold two points on the screen, and then tilt the device back and forth to zoom in or out.



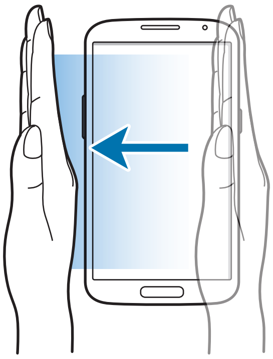
Palm motions

Use palm motions to control the device by touching the screen.

Before using motions, make sure the palm motion feature is activated. On the Home screen, tap **Apps** → **Settings** → **My device** → **Motions and gestures** → **Palm motion**, and then drag the **Palm motion** switch to the right.

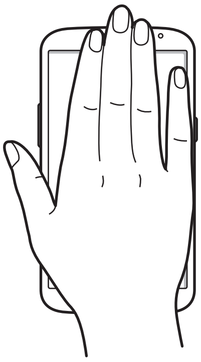
Sweeping

Sweep your hand across the screen to capture a screenshot. The image is saved in **Gallery** → **Screenshots**. It is not possible to capture a screenshot while using some applications.



Covering

Cover the screen with a palm to pause media playback.

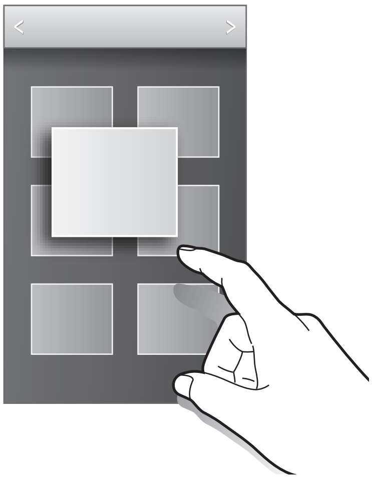


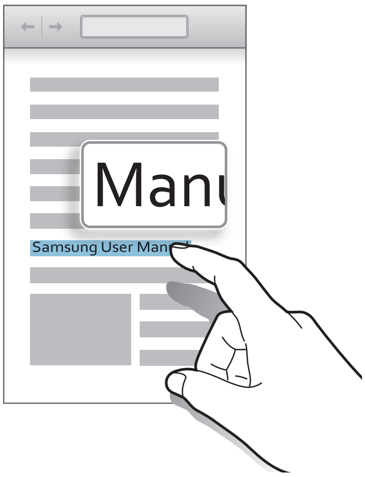
Air View

On the Home screen, tap **Apps** → **Settings** → **My device** → **Air view**, and then drag the **Air view** switch to the right.

Point at an item with your finger to preview the content or view information in a pop-up window. When you point at an area on a webpage for a few seconds, the device magnifies the area.

This feature is available only in portrait orientation.





Activating Multi Window

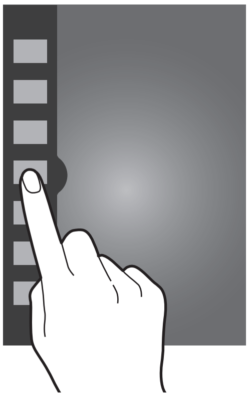
Use this feature to run two applications on the screen at the same time.

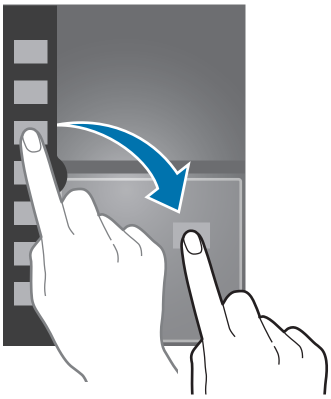
- Only applications on the Multi Window panel can run.
- When launching applications that contain multimedia files, such as music or videos, sound from both files will be played.
- This feature may not be available depending on the region or service provider.

To use Multi Window, on the Applications screen, tap **Settings** → **My device** → **Display**, and then tick **Multi window**.

Using the Multi Window panel

To activate the Multi Window panel, tap and hold ↩. The Multi Window panel appears at the left side of the screen. Select one application, and then drag another application to a new location. To hide the Multi Window panel, tap and hold ↩ again.





Drag the bar between the application panels up or down to adjust the size of the panels.

Tap the panel handle to hide or show the panel. When a panel is open, tap and hold the handle and drag it to the left or right edge of the screen to move the panel. When a panel is hidden, tap and hold the handle and drag it up or down to move the handle.

Using Multi Window applications

While using Multi Window applications, tap ∧ or ∨ and use one of the following:

- ⇄ : Switch locations between Multi Window applications.
- □ : Maximise the window to fit the screen.
- ✕ : Close the application.

Notifications

Notification icons appear on the status bar at the top of the screen to report missed calls, new messages, calendar events, device status, and more. Drag down from the status bar to open the notifications panel. Scroll the list to see additional alerts. To close the notifications panel, drag up the bar that is at the bottom of the screen.

Quick setting panel

From the quick setting panel, you can view your device's current settings. Drag down from the status bar, tap ⊞ to open the quick setting panel, and then use the following options:

- **Wi-Fi**: Activate or deactivate the Wi-Fi feature.
- **GPS**: Activate or deactivate the GPS feature.
- **Sound**: Activate or deactivate silent mode. You can vibrate or mute your device in silent mode.
- **Screen rotation**: Allow or prevent the interface from rotating when you rotate the device.
- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **Mobile data**: Activate or deactivate the data connection.
- **Blocking mode**: Activate or deactivate blocking mode. In blocking mode, the device will block notifications. To select which notifications will be blocked, tap **Settings** → **My device** → **Blocking mode**.

- **Power saving**: Activate or deactivate power-saving mode.
- **Screen Mirroring**: Activate or deactivate the screen mirroring feature.
- **Multi window**: Set to use Multi Window.
- **Wi-Fi hotspot**: Activate or deactivate the Wi-Fi tethering feature.
- **S Beam**: Activate or deactivate the S Beam feature.
- **NFC**: Activate or deactivate the NFC feature.
- **Air view**: Activate or deactivate the air view feature.
- **Driving mode**: Activate or deactivate driving mode.
- **Smart stay**: Activate or deactivate the smart stay feature.
- **Sync**: Activate or deactivate auto-syncing of applications.
- **Airplane mode**: Activate or deactivate flight mode.

The available options may vary depending on the region or service provider.

To rearrange the options on the notifications panel, open the notifications panel, tap ⊞ → ✎, tap and hold an item, and then drag it to another location.

Home screen

The Home screen is the starting point to access all of the device's features. It displays indicator icons, widgets, shortcuts to applications, and others.

The Home screen can have multiple panels. To view other panels, scroll left or right.

Rearranging items

Adding an application icon

On the Home screen, tap **Apps**, tap and hold an application icon, and then drag it into a panel preview.

Adding an item

Customise the Home screen by adding widgets, folders, or pages.

Tap and hold the empty area on the Home screen, and then select one of the following categories:

- **Apps and widgets**: Add widgets or applications to the Home screen.
- **Folder**: Create a new folder.
- **Page**: Create a new page.

Moving an item

Tap and hold an item and drag it to a new location. To move it to another panel, drag it to the side of the screen.

Removing an item

Tap and hold an item, and drag it to the rubbish bin that appears at the top of the Home screen. When the rubbish bin turns red, release the item.

Rearranging panels

Adding a new panel

Tap ☰ → **Edit page** → ➕.

Moving a panel

Tap ☰ → **Edit page**, tap and hold a panel preview, and then drag it to a new location.

Removing a panel

Tap ☰ → **Edit page**, tap and hold a panel preview, and then drag it to the rubbish bin at the top of the screen.

Setting wallpaper

Set an image or photo stored in the device as wallpaper for the Home screen.

On the Home screen, tap ☰ → **Set wallpaper** → **Home screen**, and then select one of the following:

- **Gallery**: See photos taken by the device's camera or images downloaded from the Internet.
- **Live wallpapers**: See animated images.
- **Wallpapers**: See wallpaper images.

Then, select an image and tap **Set wallpaper**. Or, select an image, resize it by dragging the frame, and then tap **Done**.

Using widgets

Widgets are small applications that provide convenient functions and information on your Home screen. To use them, add widgets from the widgets panel to the Home screen.

- Some widgets connect to web services. Using a web-based widget may result in additional charges.
- The widgets available may vary depending on the region or service provider.

Adding widgets to the Home screen

On the Home screen, tap **Apps** → **Widgets**. Scroll left or right on the widgets panel, and then tap and hold a widget to add it to the Home screen.

Using the setting shortcut widget

On the Home screen, tap **Apps** → **Widgets**, and then tap and hold **Settings Shortcut** to open a list of setting options. Select a setting option to add it to the Home screen as a shortcut.

Locked screen

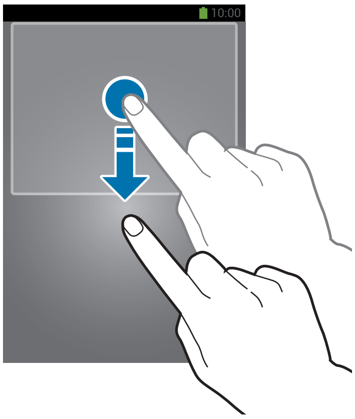
The locked screen prevents the device from unwanted operation when not in use and also allows you to add convenient widgets.

Adding widgets

To use widgets when the screen is locked, on the Applications screen, tap **Settings** → **My device** → **Lock screen**, and then tick **Multiple widgets**.

You cannot use widgets on the locked screen in easy mode.

Drag the widgets panel down to expand it. Scroll right to the last page, tap +, and then select a widget to add to the locked screen.



Rearranging panels

Moving a panel

Drag the widgets panel down, scroll left or right, tap and hold a panel preview, and then drag it to a new location.

Removing a panel

Drag the widgets panel down, scroll left or right, tap and hold a panel preview, and then drag it to the rubbish bin at the top of the screen.

Using applications

This device can run many different types of applications, ranging from media to Internet applications.

Opening an application

On the Home screen or the Applications screen, select an application icon to open it.

Opening from recently-used applications

Press and hold the Home button to open the list of recently-used applications.

Select an application icon to open.

Closing an application

Close applications not in use to save battery power and maintain device performance.

Press and hold the Home button, tap ◔, and then tap **End** next to an application to close it. To close all running applications, tap **End all**. Alternatively, press and hold the Home button, and then tap ☒.

Applications screen

The Applications screen displays icons for all applications, including any new applications installed.

On the Home screen, tap **Apps** to open the Applications screen.

To view other panels, scroll left or right.

Rearranging applications

Tap ≡ → **Edit**, tap and hold an application, and then drag it to a new location. To move it to another panel, drag it to the side of the screen.

Organising with folders

Put related applications together in a folder for convenience.

Tap ≡ → **Edit**, tap and hold an application, and then drag it to **Create folder**. Enter a folder name and then tap **OK**. Put applications into the new folder by dragging, and then tap **Save** to save the arrangement.

Rearranging panels

Pinch on the screen, tap and hold a panel preview, and then drag it to a new location.

Installing applications

Use application stores, such as **Samsung Apps**, to download and install applications.

Uninstalling applications

Tap ≡ → **Uninstall**, and then select an application to uninstall it.

Default applications that come with the device cannot be uninstalled.

Sharing applications

Share downloaded applications with other users via email, Bluetooth, or other methods.

Tap ≡ → **Share app**, select applications, tap **Done**, and then select a sharing method. The next steps vary depending on the method selected.

Help

Access help information to learn how to use the device and applications or configure important settings.

Tap **Help** on the Applications screen. Select a category to view tips.

To sort categories by an alphabetical order, tap a-z.

To search for keywords, tap 🔍.

Entering text

Use the Samsung keyboard or the voice input feature to enter text.

Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.

Changing the keyboard type

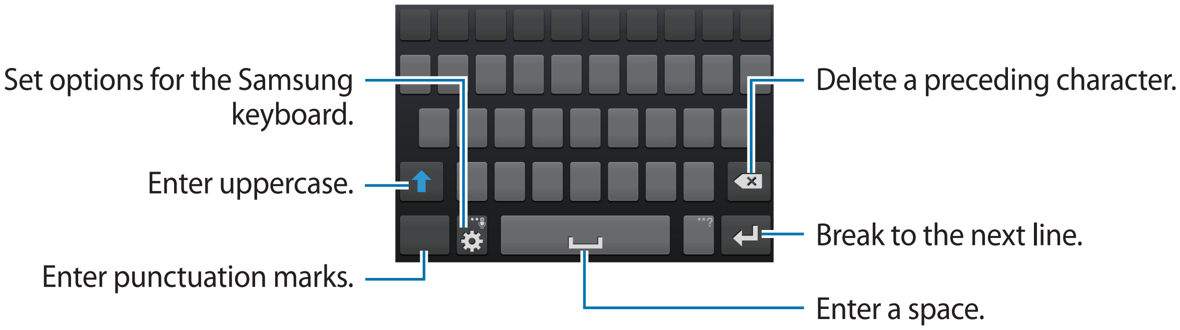
Tap any text field, open the notifications panel, tap **Choose input method**, and then select the type of keyboard to use.

Using the Samsung keyboard

Changing the keyboard layout

Tap ⚙ → **Portrait keyboard types**, and then tap **Qwerty keyboard** or **3x4 keyboard**.

On the 3x4 keyboard, a key has three or four characters. To enter a character, tap repeatedly the key corresponding to the character.


Set options for the Samsung keyboard.
Enter uppercase.
Enter punctuation marks.
Delete a preceding character.
Break to the next line.
Enter a space.

Entering uppercase

Tap ⬆ before entering a character. For all caps, tap it twice.

Changing the keyboard type

Tap and hold ⚙, and then tap ⌨ to change the keyboard type. Tap and hold ⠿ and move the floating keyboard to another location.

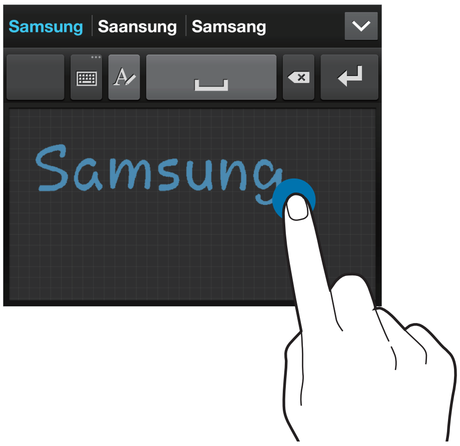
To switch to the fixed keyboard, tap ⌨.

Changing language keyboards

Add languages to the keyboard, and then slide the space key left or right to change language keyboards.

Handwriting

Tap and hold ⚙, tap T✎, and then write a word with a finger. Suggested words appear as characters are entered. Select a suggested word.



Use handwriting gestures to perform actions, such as editing or deleting characters and inserting spaces. To view the gesture guides, tap and hold ⌨, and then tap ⚙ → **Help** → **Use handwriting gestures**.

Entering text by voice

Activate the voice input feature and then speak into the microphone. The device displays what you speak.

If the device does not recognise your words correctly, tap the underlined text and select an alternative word or phrase from the dropdown list.

To change the language or add languages for the voice recognition, tap the current language.

Copying and pasting

Tap and hold over text, drag ◢ or ◣ to select more or less text, and then tap **Copy** to copy or **Cut** to cut. The selected text is copied to the clipboard.

To paste it into a text entry field, tap and hold at the point where it should be inserted, and then tap **Paste**.

Connecting to a Wi-Fi network

Connect the device to a Wi-Fi network to use the Internet or share media files with other devices. (p. 109)

Turning Wi-Fi on and off

Open the notifications panel, and then tap **Wi-Fi** to turn it on or off.

Turn off Wi-Fi to save the battery when not in use.

Joining Wi-Fi networks

On the Applications screen, tap **Settings** → **Connections** → **Wi-Fi**, and then drag the **Wi-Fi** switch to the right.

Select a network from the list of detected Wi-Fi networks, enter a password if necessary, and then tap **Connect**. Networks that require a password appear with a lock icon. After the device connects to a Wi-Fi network, the device will automatically connect to it any time it is available.

Adding Wi-Fi networks

If the desired network does not appear in the networks list, tap **Add Wi-Fi network** at the bottom of the networks list. Enter the network name in **Network SSID**, select the security type and enter the password if it is not an open network, and then tap **Connect**.

Forgetting Wi-Fi networks

Any network that has ever been used, including the current network, can be forgotten so the device will not automatically connect to it. Select the network in the networks list, and then tap **Forget**.

Setting up accounts

Google applications, such as **Play Store**, require a Google account, and **Samsung Apps** requires a Samsung account. Create Google and Samsung accounts to have the best experience with the device.

Adding accounts

Follow the instructions that appear when opening a Google application without signing in to set up a Google account.

To sign in with or sign up for a Google account, on the Applications screen, tap **Settings** → **Accounts** → **Add account** → **Google**. After that, tap **New** to sign up, or tap **Existing**, and then follow on-screen instructions to complete the account setup. More than one Google account can be used on the device.

Set up a Samsung account as well.

Removing accounts

On the Applications screen, tap **Settings** → **Accounts**, select an account name under **My accounts**, select the account to remove, and then tap **Remove account**.

Transferring files

Move audio, video, image, or other types of files from the device to the computer, or vice versa.

The following file formats are supported by some applications. Some file formats are not supported depending on the version of the device's software or the computer operating system.

- Music: mp3, m4a, mp4, 3gp, 3ga, wma, ogg, oga, aac, and flac
- Image: bmp, wbmp, gif, jpg, and png
- Video: 3gp, mp4, avi, wmv, flv, and mkv
- Document: doc, docx, dot, dotx, xls, xlsx, xlt, xltx, csv, ppt, pptx, pps, ppsx, pot, potx, pdf, hwp, txt, asc, and rtf

Connecting with Samsung Kies

Samsung Kies is a computer application that manages media libraries, contacts, and calendars, and syncs them with Samsung devices. Download the latest Samsung Kies from the Samsung website.

1 Connect the device to the computer using the USB cable.

Samsung Kies launches on the computer automatically. If Samsung Kies does not launch, double-click the Samsung Kies icon on the computer.

2 Transfer files between your device and the computer.

Refer to the Samsung Kies help for more information.

Connecting with Windows Media Player

Ensure that Windows Media Player is installed on the computer.

1 Connect the device to the computer using the USB cable.

2 Open Windows Media Player and sync music files.

Connecting as a media device

1. Connect the device to the computer using the USB cable.
2. Open the notifications panel, and then tap **Connected as a media device** → **Media device (MTP)**.

   Tap **Camera (PTP)** if your computer does not support Media Transfer Protocol (MTP) or not have any appropriate driver installed.
3. Transfer files between your device and the computer.

Securing the device

Prevent others from using or accessing personal data and information stored in the device by using the security features. The device requires an unlock code whenever unlocking it.

Setting a face unlock

On the Applications screen, tap **Settings** → **My device** → **Lock screen** → **Screen lock** → **Face unlock**.

Fit your face in the frame to be captured. Then, set a backup unlock PIN or pattern to unlock the screen in case the face unlock fails.

Setting a face and voice unlock

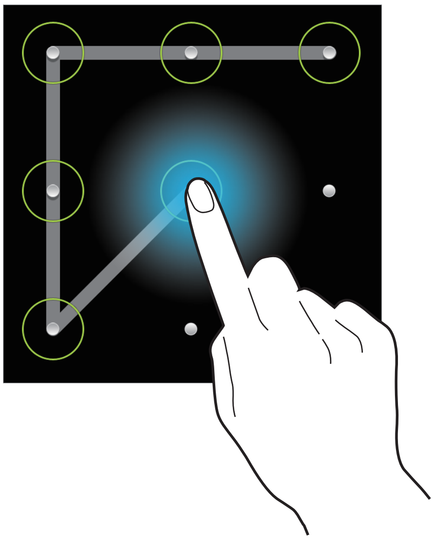
On the Applications screen, tap **Settings** → **My device** → **Lock screen** → **Screen lock** → **Face and voice**.

Fit your face in the frame to be captured and then set a voice command. Then, set a backup unlock PIN or pattern to unlock the screen in case the face and voice unlock fails.

Setting a pattern

On the Applications screen, tap **Settings** → **My device** → **Lock screen** → **Screen lock** → **Pattern**.

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup unlock PIN to unlock the screen when you forget the pattern.



Setting a PIN

On the Applications screen, tap **Settings** → **My device** → **Lock screen** → **Screen lock** → **PIN**.

Enter at least four numbers, and then enter the password again to verify it.

Setting a password

On the Applications screen, tap **Settings** → **My device** → **Lock screen** → **Screen lock** → **Password**.

Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

Unlocking the device

Turn on the screen by pressing the Power button or the Home button, and enter the unlock code.

If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

Upgrading the device

The device can be upgraded to the latest software.

This feature may not be available depending on the region or service provider.

Upgrading with Samsung Kies

Launch Samsung Kies and connect the device to the computer. Samsung Kies automatically recognises the device and shows available updates in a dialogue box, if any. Click the Update button in the dialogue box to start upgrading. Refer to the Samsung Kies help for details on how to upgrade.

- Do not turn off the computer or disconnect the USB cable while the device is upgrading.
- While upgrading the device, do not connect other media devices to the computer. Doing so may interfere with the update process.

Upgrading over the air

The device can be directly upgraded to the latest software by the firmware over-the-air (FOTA) service.

On the Applications screen, tap **Settings** → **More** → **About device** → **Software update** → **Update**.

Communication

Phone

Use this application to make or answer a call.

Tap **Phone** on the Applications screen.

Making calls

Making a call

Use one of the following methods:

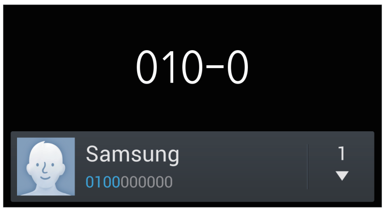
- **Keypad**: Enter the number using the keypad, and then tap ☎.
- **Logs**: Make a call from the history of incoming and outgoing calls and messages.
- **Favorites**: Make a call from the list of favourite contacts.
- **Contacts**: Make a call from the contacts list.

Speed dial numbers

For speed dial numbers, tap and hold the corresponding digit.

Number prediction

When entering numbers on the keypad, automatic predictions appear. Select one of these to make a call.



Finding contacts

Enter a name, phone number, or email address to find a contact in the contacts list. As characters are entered, predicted contacts appear. Select one to place a call to it.

Making an international call

Tap and hold **0** until the + sign appears. Enter the country code, area code, and phone number, and then tap ☎.

During a call

The following actions are available:

- ▤ : Select an equaliser option for use during a call.
- 〰 : Deactivate the noise reduction feature that removes background noise so that the other party can hear you more clearly.
- 🔊 : Increase the volume.
- **Hold**: Hold a call. Or press and hold the headset button. Tap **Unhold** to retrieve the held call, or press and hold the headset button.
- **Add call**: Dial a second call.
- **Keypad**: Open the keypad.
- **End call**: End the current call.
- **Speaker**: Activate the speakerphone. Keep the device away from your ears when using the speakerphone.
- **Mute**: Turn off the microphone so that the other party cannot hear you.
- **Headset**: Switch to a Bluetooth headset if it is connected to the device.
- **Swap**: Switch between two calls.
- **Merge**: Make a multiparty call when connected to two calls. Repeat this to add more parties. This feature is available only if the multiparty call service is active.

- ☰ → **Contacts**: Open the contacts list.
- ☰ → **Memo**: Create a memo.
- ☰ → **Message**: Send a message.
- ☰ → **One-handed operation on**: Set the keypad for convenient use with one hand.
- ☰ → **Transfer**: Connect the first party to the second party. This disconnects you from the conversation.
- ☰ → **Manage conference call**: Have a private conversation with one party during a multiparty call or disconnect one party form the multiparty call.

Adding contacts

To add a phone number to the contacts list from the keypad, enter the number and tap **Add to contacts**.

Viewing call logs

Tap **Logs** to view the history of incoming and outgoing calls.

To filter a call log, tap ☰ → **View by**, and then select an option.

Fixed dialling number

The device can be set to restrict outgoing calls only to numbers with specified prefixes. Those prefixes are stored in the SIM or USIM card.

Tap ☰ → **Call settings** → **Additional settings** → **Fixed dialing numbers** → **Turn on FDN**, and then enter the PIN2 supplied with the SIM or USIM card. Tap **FDN list** and add numbers.

Call barring

The device can be set to prevent certain calls from being made. For example, international calling can be disabled.

Tap ☰ → **Call settings** → **Additional settings** → **Call barring**, select a call type, select a call barring option, and then enter a password.

Receiving calls

Answering a call

When a call comes in, drag ☎ outside the large circle, or press the headset button.

If the call waiting service is active, another call can be made. When the second call is answered, the first call is put on hold.

Rejecting a call

When a call comes in, drag ☎ outside the large circle, or press and hold the headset button.

To send a message when rejecting an incoming call, drag the reject message bar upwards. To create the rejection message, tap ☰ → **Call settings** → **Set up call rejection messages**.

Automatically rejecting calls from unwanted numbers

Tap ☰ → **Call settings** → **Call rejection** → **Auto reject mode** → **Auto reject numbers**, and then tap **Auto reject list**. Tap **Create**, enter a number, assign a category, and then tap **Save**.

Missed calls

If a call is missed, ☎ appears on the status bar. Open the notifications panel to view the list of missed calls.

Call waiting

Call waiting is a service provided by the service provider. A user can use this service to suspend a current call and switch to an incoming call. This service is not available for video calls.

To make use of this service, tap ☰ → **Call settings** → **Additional settings** → **Call waiting**.

Call forwarding

The device can be set to send incoming calls to a specified number.

Tap ☰ → **Call settings** → **Additional settings** → **Call forwarding**, and then select a call type and condition. Enter a number and tap **Turn on**.

Ending a call

Tap **End call** to end a call. Or press the headset button.

Video calls

Making a video call

Enter the number or select a contact from the contacts list, and then tap 📹 to make a video call.

During a video call

The following actions are available:

- **Switch camera**: Switch between the front and rear camera.
- **Mute**: Turn off the microphone so that the other party cannot hear you.
- **End call**: End the current call.
- ☰ → **Hide me**: Hide your image from the other party.
- ☰ → **Outgoing image**: Select an image to show it to the other party.
- ☰ → **Keypad**: Open the keypad.
- ☰ → **Switch to headset**: Switch to a Bluetooth headset if it is connected to the device.
- ☰ → **Speaker off**: Deactivate the speakerphone feature.
- ☰ → **Animated emotions**: Apply emotional icons to your image.
- ☰ → **Theme view**: Apply decorative icons to your image.
- ☰ → **Turn on cartoon view**: Change the view mode to the cartoon view.

Tap and hold the other party's image to access the following options:

- **Capture image**: Capture the other party's image.

This feature may not be available depending on the region or service provider.

- **Record video**: Take a video of the other party's images.

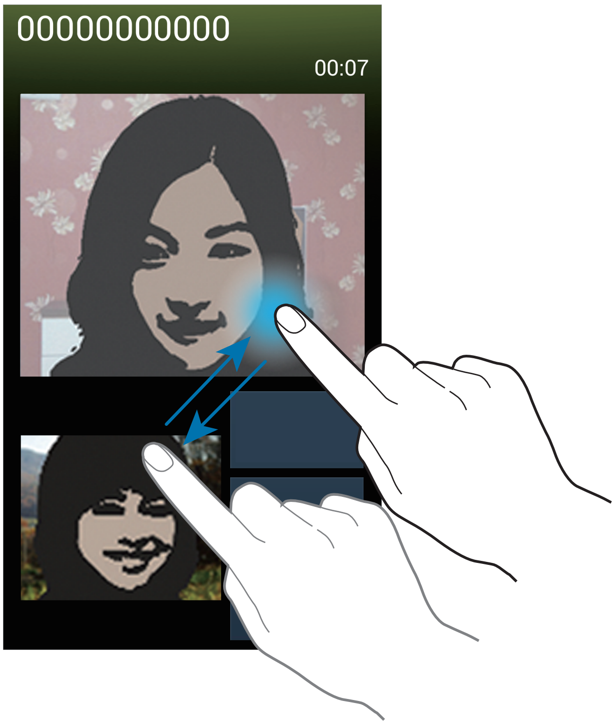
- This feature may not be available depending on the region or service provider.
- It is illegal in many countries to record a call without the other party's prior permission.

Tap and hold your image to access the following options:

- **Switch camera**: Switch between the front and rear camera.
- **Outgoing image**: Select an image to show it to the other party.

Swapping images

Drag an image of either party onto the other party's image to swap the images.



Contacts

Use this application to manage contacts, including phone numbers, email addresses, and others.

Tap **Contacts** on the Applications screen.

Managing contacts

Creating a contact

Tap 👤 and enter contact information.

- 🖼 : Add an image.
- ⊕ / ⊖ : Add or delete a contact field.

Editing a contact

Select a contact to edit, and then tap ✎.

Deleting a contact

Tap ≡ → **Delete**.

Setting a speed dial number

Tap ≡ → **Speed dial setting**, select a speed dial number, and then select a contact for it. To remove a speed dial number, tap and hold it, and then tap **Remove**.

Searching for contacts

Use one of the following search methods:

- Scroll up or down the contacts list.
- Use the index at the right side of the contacts list for quick scrolling, by dragging a finger along it.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- ★ : Add to favourite contacts.
- ☎ / ☎ : Make a voice or video call.
- ✉ : Compose a message.
- ✉@ : Compose an email.

Displaying contacts

By default, the device shows all saved contacts on the device, the SIM or USIM card, or another account.

Tap ☰ → **Contacts to display**, and then select a location where contacts are saved.

Moving contacts

Moving contacts to Google

Tap ☰ → **Merge accounts** → **Merge with Google**.

Contacts moved to Google Contacts appear with g in the contacts list.

Moving contacts to Samsung

Tap ☰ → **Merge accounts** → **Merge with Samsung**.

Contacts moved to Samsung Contacts appear with S in the contacts list.

Importing and exporting contacts

Importing contacts

Tap ☰ → **Import/Export** → **Import from SIM card**, **Import from SD card**, or **Import from USB storage**.

Exporting contacts

Tap ☰ → **Import/Export** → **Export to SIM card**, **Export to SD card**, or **Export to USB storage**.

Sharing contacts

Tap ☰ → **Import/Export** → **Share namecard via**, select contacts, tap **Done**, and then select a sharing method.

Favourite contacts

Tap ☰, and then take one of the following actions:

- **Search**: Search for contacts.
- **Add to favorites**: Add contacts to favourites.
- **Remove from favorites**: Remove contacts from favourites.
- **Grid view** / **List view**: View contacts in grid or list form.
- **Help**: Access help information about using contacts.

Contact groups

Adding contacts to a group

Select a group, and then tap 👤. Select contacts to add, and then tap **Done**.

Managing groups

Tap ≡, and then take one of the following actions:

- **Create**: Make a new group.
- **Search**: Search for contacts.
- **Change order**: Tap and hold ⠿ next to the group name, drag it up or down to another position, and then tap **Done**.
- **Delete groups**: Select user-added groups, and then tap **Delete**. Default groups cannot be deleted.
- **Help**: Access help information about using contacts.

Sending a message or email to a group’s members

Select a group, tap ≡ → **Send message** or **Send email**, select members, and then tap **Done**.

Business card

Create a business card and send it to others.

Tap **Set up profile**, enter details, such as phone number, email address, and postal address, and then tap **Save**. If user information has been saved when you set up the device, select the business card in **ME**, and then tap ✎ to edit.

Tap ≡ → **Share namecard via**, and then select a sharing method.

Messaging

Use this application to send text messages (SMS) or multimedia messages (MMS).

Tap **Messaging** on the Applications screen.

You may incur additional charges for sending or receiving messages while you are outside your home service area. For details, contact your service provider.

Sending messages

Tap ✎, add recipients, enter a message, and then tap ✉.

Use the following methods to add recipients:

- Enter a phone number.
- Tap 👤, select contacts, and then tap **Done**.

Use the following methods to make a multimedia message:

- Tap 📎 and attach images, videos, contacts, memos, events, and others.
- Tap ≡ → **Add subject** to enter a subject.

Sending scheduled messages

While composing a message, tap ≡ → **Scheduled message**. Set a time and date, and then tap **OK**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Translating and sending messages

To use the translating feature, while composing a message, tap ≡ → **Translate**, drag the **Translate** switch to the right, set a language pair, and then tap **OK**.

Tap 🌐 to translate the message, and then tap **Done**. The translated message will replace the message of the source language.

Viewing incoming messages

Incoming messages are grouped into message threads by contact.

Select a contact to view the person’s message.

Listening to a voice message

Tap and hold **1** on the keypad, and then follow the instructions from your service provider.

Email

Use this application to send or view email messages.

Tap **Email** on the Applications screen.

Setting up email accounts

Set up an email account when opening **Email** for the first time.

Enter the email address and password. Tap **Next** for a private email account, such as Google Mail, or tap **Manual setup** for a company email account. After that, follow on-screen instructions to complete the setup.

To set up another email account, tap ≡ → **Settings** → **Add account**.

Sending messages

Tap the email account to use, and then tap ✎ at the bottom of the screen. Enter recipients, subject, and message, and then tap ✉.

Tap 👤 to add a recipient from the contacts list.

Tap 📎 to attach images, videos, contacts, events, and others.

Tap 🖼 to insert images, events, contacts, location information, and others into the message.

Sending scheduled messages

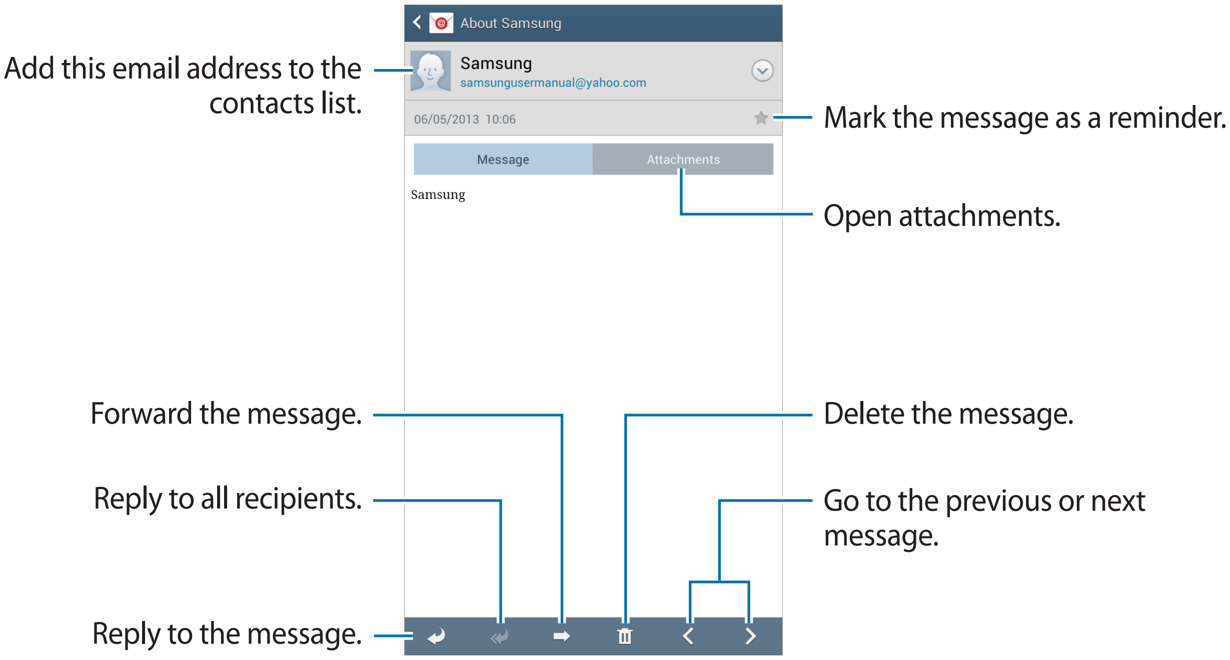
While composing a message, tap ≡ → **Schedule sending**. Tick **Schedule sending**, set a time and date, and then tap **Done**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Reading messages

Select an email account to use, and new messages are retrieved. To manually retrieve new messages, tap ↻.

Tap a message to read.


About Samsung
Samsung
samsungusermanual@yahoo.com
06/05/2013 10:06
Message
Attachments
Samsung
Add this email address to the contacts list.
Mark the message as a reminder.
Open attachments.
Forward the message.
Delete the message.
Reply to all recipients.
Go to the previous or next message.
Reply to the message.

Tap the attachment tab to open attachments, and then tap **Save** to save it.

Google Mail

Use this application to quickly and directly access the Google Mail service.

Tap **Google Mail** on the Applications screen.

- This application may not be available depending on the region or service provider.
- This application may be labelled differently depending on the region or service provider.

Sending messages

In any mailbox, tap ✉, enter recipients, a subject, and a message, and then tap **SEND**.

Tap ☰ → **Attach picture** to attach images.

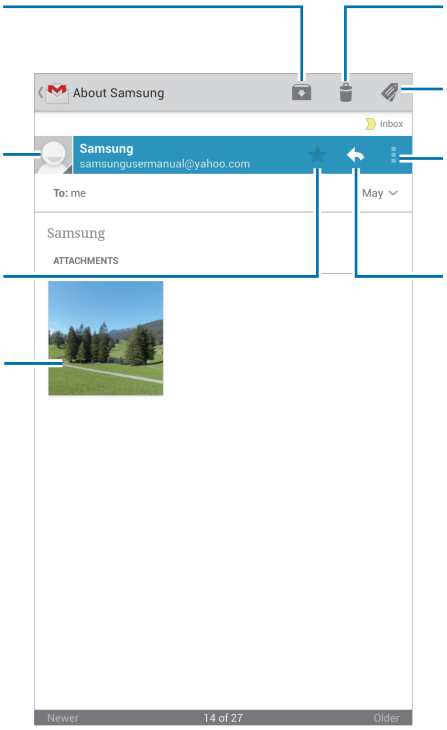
Tap ☰ → **Attach video** to attach videos.

Tap ☰ → **Add Cc/Bcc** to add more recipients.

Tap ☰ → **Save draft** to save the message for later delivery.

Tap ☰ → **Discard** to start over.

Reading messages


About Samsung
Inbox
Samsung
samsungusermanual@yahoo.com
To: me
May
Samsung
ATTACHMENTS
Newer
14 of 27
Older

Keep this message for long-term storage.

Add this email address to the contacts list.

Mark the message as a reminder.

Preview attachment.

Delete this message.

Add a label to this message.

Reply to all recipients or forward this message to others.

Reply to this message.

Labels

Google Mail does not use actual folders, but uses labels instead. When Google Mail is launched, it displays messages labelled Inbox.

Tap 🏷 to view messages in other labels.

To add a label to a message, select the message, tap 🏷, and then select the label to assign.

Talk

Use this application to chat with others via Google Talk.

Tap **Talk** on the Applications screen.

This application may not be available depending on the region or service provider.

Public profile

Tap the account ID at the top of the friends list to change the availability status, image, or status message.

Adding friends

Tap 👤, enter the email address of the friend to add, and then tap **DONE**.

Chatting with friends

Select a friend from the friends list, enter a message in the field at the bottom of the screen, and then tap ➤.

To add a friend to chat, tap ☰ → **Add to chat**.

To end the chat, tap ☰ → **End chat**.

Switching between chats

Scroll left or right.

Deleting chat history

Chats are automatically saved. To delete the chat history, tap ≡ → **Clear chat history**.

Google+

Use this application to stay connected with people via Google's social network service.

Tap **Google+** on the Applications screen.

This application may not be available depending on the region or service provider.

Tap **All circles** to change the category, and then scroll up or down to view posts from your circles.

Tap g+ to use other social network features.

Messenger

Use this application to chat with others via Google+ instant messaging service.

Tap **Messenger** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a friend from the friends list, enter a message in the field at the bottom of the screen, and then tap ➤.

ChatON

Use this application to chat with any device. To use this application, you must sign in to your Samsung account.

Tap **ChatON** on the Applications screen.

This application may not be available depending on the region or service provider.

Create a buddies list by entering phone numbers or Samsung account email addresses, or by selecting buddies from the list of suggestions. Alternatively, tap **Contact sync** to manually sync contacts from the device.

Tap **Chats** → **Start chat** and select a buddy to start chatting.

Web & network

Internet

Use this application to browse the Internet.

Tap **Internet** on the Applications screen.

Viewing webpages

Tap the address field, enter the web address, and then tap **Go**.

Tap ☰ to share, save, or print the current webpage while viewing a webpage.

To change the search engine, tap the address field, and then tap the search engine icon next to the web address.

Opening a new page

Tap ☰ → **New window**.

To go to another webpage, tap 2, scroll up or down, and tap the page to select it.

Bookmarks

To bookmark the current webpage, tap ☰ → **Add shortcut**.

To open a bookmarked webpage, tap ★, and then select one.

History

Tap ☰ → **History** to open a webpage from the list of recently-visited webpages. To clear the history, tap ☰ → **Clear history**.

Links

Tap and hold a link on the webpage to open it in a new page, save, or copy.

To view saved links, use **Downloads**. (p. 105)

Sharing webpages

To share a webpage address with others, tap ☰ → **Share via**.

To share a part of a webpage, tap and hold the desired text, and then tap **Share**.

Chrome

Use this application to search for information and browse webpages.

Tap **Chrome** on the Applications screen.

This application may not be available depending on the region or service provider.

Viewing webpages

Tap the address field, and then enter a web address or search criteria.

Opening a new page

Tap 2 → **New tab**.

To go to another webpage, tap 2 → a webpage.

Searching the web by voice

Tap the address field, tap 🎤, speak a keyword, and then select one of the suggested keywords that appear.

Syncing with other devices

Sync open tabs and bookmarks to use with Chrome on another device, when you are logged in with the same Google account.

To view open tabs on other devices, tap ☰ → **Other devices**. Select a webpage to open.

To view bookmarks, tap ★.

Bluetooth

Bluetooth creates a direct wireless connection between two devices over short distances. Use Bluetooth to exchange data or media files with other devices.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes).

  Samsung is not responsible for the repercussion of illegal use of the Bluetooth feature.

To activate Bluetooth, on the Applications screen, tap **Settings** → **Connections** → **Bluetooth**, and then drag the **Bluetooth** switch to the right.

Pairing with other Bluetooth devices

On the Applications screen, tap **Settings** → **Connections** → **Bluetooth** → **Scan**, and detected devices are listed. Select the device you want to pair with, and then accept the auto-generated passkey on both devices to confirm.

Sending and receiving data

Many applications support data transfer via Bluetooth. An example is **Gallery**. Open **Gallery**, select an image, tap ⋖ → **Bluetooth**, and then select one of the Bluetooth devices. After that, accept the Bluetooth authorisation request on the other device to receive the image. The transferred file is saved in the **Bluetooth** folder. If a contact is received, it is added to the contacts list automatically.

Screen Mirroring

Use this feature to connect your device to a large screen with an AllShare Cast dongle or HomeSync and then share your contents. You can also use this feature with other devices that support the Wi-Fi Miracast feature.

- This feature may not be available depending on the region or service provider.
- Miracast-enabled devices that do not support High-bandwidth Digital Content Protection (HDCP) may not be compatible with this feature.
- Some files may be buffered during playback, depending on the network connection.
- To save energy, deactivate this feature when not in use.
- If you specify a Wi-Fi frequency, AllShare Cast dongles or HomeSync may not be discovered or connected.
- If you play videos or games on a TV, select an appropriate TV mode to get the best experience.

On the Applications screen, tap **Settings** → **Connections** → **Screen Mirroring**, and then drag the **Screen Mirroring** switch to the right. Select a device, open or play a file, and then control the display with the keys on your device. To connect to a device using a PIN, tap and hold the device name to enter the PIN.

Samsung Link

Use this application to play contents saved on various devices over the Internet. You can play and send multimedia files on your device to another device or web storage service.

To use this application, you must sign in to your Samsung account and register two or more devices. The registration methods may vary depending on the device type. To get more details, tap ☰ → **Help**.

Tap **Samsung Link** on the Applications screen.

This application may not be available depending on the region or service provider.

When opening this application, recent contents from all your registered devices will appear. You can browse and play them. To start sharing files, scroll to **DEVICES & STORAGE** and select an option.

Sending files

Send files to other devices or upload them to web storage services.

Select your device, tap ➡, select files, tap **Done**, and then select a device or web storage.

Sharing files

Select a device or web storage, tap <, select files, tap **Done**, and then select a sharing method.

Playing files on a remote device

Select a device or web storage, tap ⧉, select a file, and then select a device.

- Supported file formats may differ depending on connected devices as a media player.
- Some files may be buffered while playing depending on the network connection.

Managing contents on a web storage service

Select a web storage service, and then view and manage your files.

To download files from a web storage service, tap ⬇, select files, and then tap **Done**.

To register web storage services to the device, tap ☰ → **Settings** → **Registered storage** → +, and then select a web storage service.

Group Play

Use this application to share screens with multiple devices. Create or join a Group Play session, and then share images, documents, or music.

Tap **Group Play** on the Applications screen.

- This application may not be available depending on the region or service provider.
- While using this application, you cannot use the Internet.

Creating a group for Group Play

Tap **Create group**, set a password, and then use the following features:

- **Share music**: Select music files to share. You can connect two or more devices and use them to achieve a surround sound effect.
- **Share pictures**: Select images to share.
- **Share documents**: Select documents to share.
- **Play games**: Play online games with friends.

Tap and write a note or draw on the screen. All participants can see what you create.

Tap to view all shared images in mosaic layout.

Tap to select more images or documents.

Tap to view the group participants.

Joining Group Play

- Tap **Join group**, select a Group Play session to join, and then enter the password for the group. Select a media category and the content that is currently being shared will appear on the device.
- Activate the NFC feature. On the Home screen, touch the back of your device to the back of another device that is opening a session.

NFC

Your device allows you to read near field communication (NFC) tags that contain information about products.

The battery contains a built-in NFC antenna. Handle the battery carefully to avoid damaging the NFC antenna.

If the screen is locked, your device will not read NFC tags or receive data.

To activate the NFC feature, on the Applications screen, tap **Settings** → **Connections** → **NFC**. Drag the **NFC** switch to the right.

Reading information from an NFC tag

Place the NFC antenna area on the back of your device near an NFC tag. The information from the tag will appear.

Sending data via Android Beam

Use the Android Beam feature to send data, such as webpages and contacts, to NFC-enabled devices.

On the Applications screen, tap **Settings** → **Connections** → **NFC**. Drag the **Android Beam** switch to the right.

Select an item, touch the back of your device to the back of the other device, and then tap your device’s screen.

S Beam

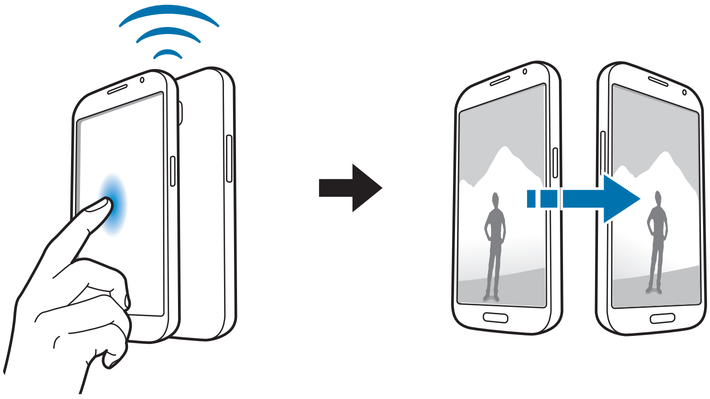
Use this feature to send data, such as videos, images, and documents.

Do not send copyright-protected data via S Beam. Doing so may violate copyright laws. Samsung is not responsible for any liabilities caused by the illegal use of copyrighted data.

On the Applications screen, tap **Settings** → **Connections** → **S Beam**. Drag the **S Beam** switch to the right.

Select a file, touch the back of your device to the back of the other device, and then tap your device's screen.

If both devices try to send data simultaneously, the file transfer may fail.



WatchON

Use this application to connect to a TV to watch your favourite shows and movies.

Tap **WatchON** on the Applications screen.

You must first connect the device to a network and ensure that the device's infrared port is facing the TV.

Connecting to a TV

Connect to a TV to display the device's screen onto a large surface and control the TV remotely with the device.

Select a country and a region. Tap → **Set Up Now**, and then follow the on-screen instructions to register the TV to the device. The steps vary depending on the options you choose.

To connect to other devices, tap ≡ → **Settings** → **My room** → **Add devices**.

Watching TV

Select from the TV programme suggestions based on your choice when registering a TV or select a category at the top of the screen. Select a TV programme and then tap **Watch now**. The selected programme will show up on the connected TV.

Tap and open the control panel to control the TV.

Setting programme reminders

Tap the time at the bottom of the screen and select a time for a TV programme you want to watch. Select a programme, tap **Reminder**, and then set an alarm time to remind you of the TV programme.

Media

Music

Use this application to listen to music.

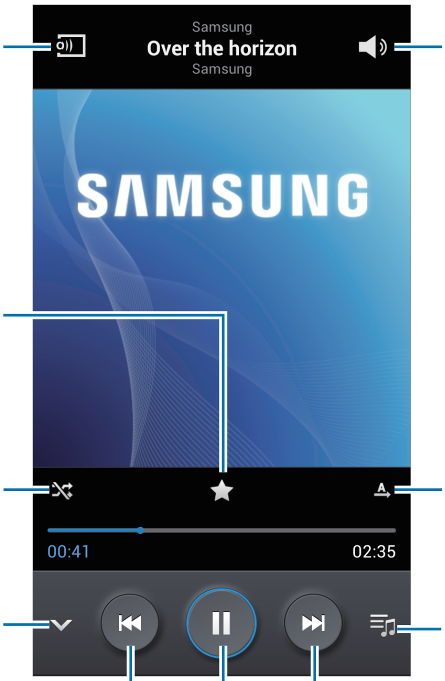
Tap **Music** on the Applications screen.

- Some file formats are not supported depending on the device's software version.
- Some files may not play properly depending on the encoding method used.

Playing music

Select a music category, and then select a song to play.

Tap the album image at the bottom of the screen to open the music player screen.



Scan DLNA-enabled devices.

Adjust the volume.

Set the file as your favourite song.

Turn on shuffle.

Change the repeat mode.

Hide the music player screen.

Open the playlist.

Restart the currently-playing song or skip to the previous song. Tap and hold to move backwards quickly.

Skip to the next song. Tap and hold to move forwards quickly.

Pause and resume playback.

To listen to songs at equal volume levels, tap ≡ → **Settings** → **Smart Volume**.

⚠ When **Smart Volume** is activated, the volume may end up louder than the device volume level. Use caution to avoid long-term exposure to loud sounds to prevent damage to your hearing.

To set a personalised sound while listening to songs with a headset, tap ≡ → **Settings** → **Adapt Sound** → **On**. When you turn the volume up to level 14 or higher, the adapt sound option is not applied to music playback.If you turn the volume down to level 13 or lower, the option is reapplied.

Setting a song as ringtone

To use the currently-playing song as ringtone, tap ≡ → **Set as** → **Phone ringtone**.

Creating playlists

Make an own selection of songs.

Tap **Playlists**, and then tap ≡ → **Create playlist**. Enter a title and tap **OK**. Tap **Add music**, select songs to include, and then tap **OK**.

To add the currently-playing song to a playlist, tap ≡ → **Add to playlist**.

Playing music by mood

Play music grouped by mood. The playlist is automatically created by the device. When a new song is added, tap **Music square** → ≡ → **Library update**.

Tap **Music square** and select a cell of mood. Or select multiple cells by dragging your finger.

Camera

Use this application to take photos or videos.

Use **Gallery** to view photos and videos taken with the device’s camera. (p. 79)

Tap **Camera** on the Applications screen.

- The camera automatically shuts off when unused.
- Make sure that the lens is clean. Otherwise, the device may not work properly in some modes that require high resolutions.

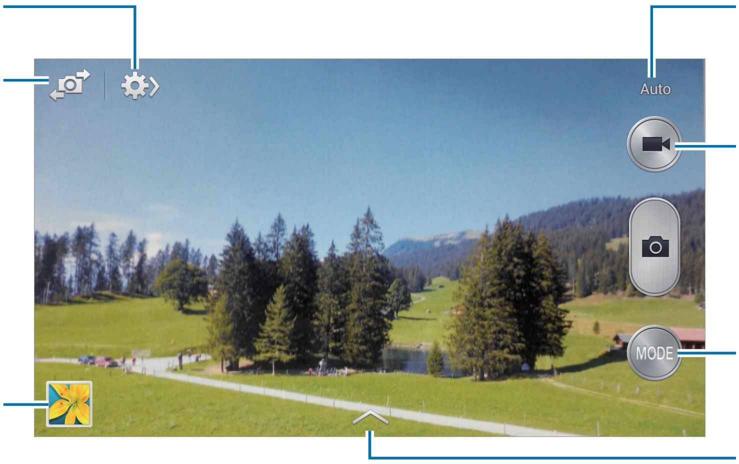
Camera etiquette

- Do not take photos or videos of other people without their permission.
- Do not take photos or videos where legally prohibited.
- Do not take photos or videos in places where you may violate other people’s privacy.

Taking photos

Taking a photo

Tap the image on the preview screen where the camera should focus. When the subject is in focus, the focus frame turns green. Tap 📷 to take the photo.



View more options.

Switch between the front and rear camera.

Open Gallery to view photos and videos.

Indicates which shooting mode is in use.

Start taking a video.

Change the shooting mode.

Select among various effects that are available.

Shooting mode

Several photo effects are available.

Tap **MODE**, and then scroll up or down the screen at the right side of the screen.

- **Auto**: Use this to allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
- **Beauty face**: Take a photo with lightened faces for gentler images.
- **Best photo**: Take a series of photos, and then save the best one.
- **Continuous shot**: Take a series of photos of moving subjects.
- **Best face**: Use this to take multiple group shots at the same time and combine them to create the best possible image.

  Tap 📷 to take multiple photos. To get the best shot, hold the camera steady and remain still while taking photos. When **Gallery** opens, tap the yellow frame on each face, and choose the best individual pose for the subject. After choosing a pose for each individual, tap **Save** to merge the images into a single photo, and save it.
- **Sound & shot**: Use this to take a photo with sound.

  Tap 📷 to take a photo. The device records a few seconds of audio after taking a photo.

While taking photos in this mode, sound is recorded by the internal microphone.

- **Rich tone (HDR)**: Use this to take a photo with an improved contrast ratio.
- **Panorama**: Take a photo composed of many photos strung together.
  - Move the camera slowly in one direction.
  - Keep the camera’s viewfinder within the guide frame.
  - Avoid taking photos of a subject in front of unrecognisable backgrounds, such as empty skies or plain walls.
- **Sports**: Use this setting for fast-moving subjects.
- **Night**: Use this setting for images taken in darker conditions.

Panoramic photos

A panoramic photo is a wide landscape image consisting of multiple shots.

Tap **MODE** → **Panorama**.

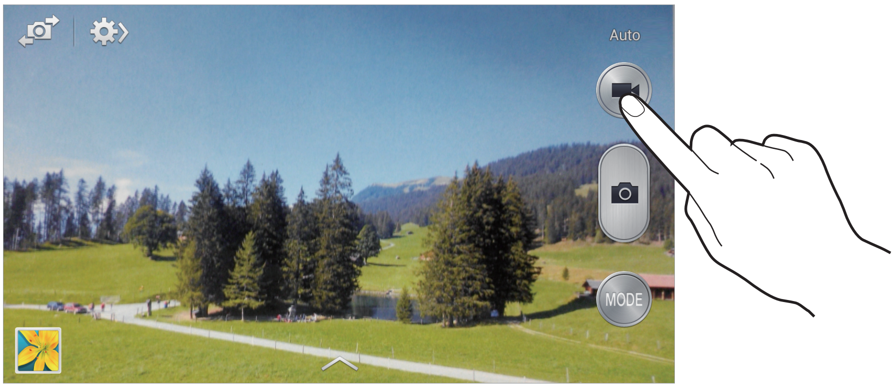
Tap 📷 and move the camera in one direction. When the blue frame aligns with the viewfinder, the camera automatically takes another shot in a panoramic sequence. To stop shooting, tap ■.

If the viewfinder is out of the direction, the device stops shooting.

Taking videos

Taking a video

Tap 🎥 to take a video. To pause recording, tap ⏸. To stop recording, tap ■.



While recording, use the following actions:

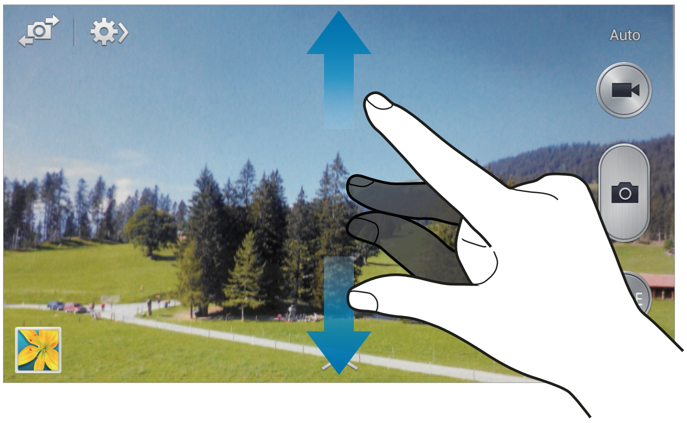
- To change the focus, tap where you want to focus. To focus on the centre of the screen, tap AF.
- To capture an image from the video while recording, tap 📷.

Recording mode

Tap ⚙ → 🎥 to change recording mode.

- **Normal**: Use this mode for normal quality.
- **Limit for MMS**: Use this mode to lower quality for sending via messaging.

Zooming in and out



Use one of the following methods:

- Use the Volume button to zoom in or out.
- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.

The zoom in/out effect is available when using the zoom feature while shooting video.

Share shot

Tap ⚙ → ⋖, and then select one of the following:

- **Share shot**: Send a photo directly to another device via Wi-Fi Direct.
- **Buddy photo share**: Set the device to recognise a person’s face that you have tagged in a photo and send it to that person.
- **ChatON photo share**: Send a photo to another device via ChatON.
- **Remote viewfinder**: Set a device to control the camera remotely.

Controlling the camera remotely

Set a device as a viewfinder to control the camera remotely.

Tap ⚙ → OFF → **Remote viewfinder**, and then connect the device and the camera using Wi-Fi Direct or NFC. Tap 📷 to take a photo remotely using the device as a viewfinder.

Configuring settings for Camera

Tap ⚙ → ⚙ to configure settings for Camera. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.

- **Photo size** / **Video size**: Select a resolution. Use higher resolution for higher quality. But it takes up more memory.
- **Face detection**: Set the device to recognise people's faces and help you take photos of them.
- **Metering**: Select a metering method. This determines how light values are calculated. **Centre-weighted** measures background light in the centre of the scene. **Spot** measures the light value at a specific location. **Matrix** averages the entire scene.
- **ISO**: Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Anti shake**: Activate or deactivate anti-shake. Anti-shake helps focus when the camera is moving.
- **Save as**: Set the device to delete the original photo when taking photos with rich tone mode.
- **GPS tag**: Attach a GPS location tag to the photo. Activate this feature when taking photos to create albums in **Story Album**.

- To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
- Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **Review**: Briefly display photos taken.
- **Volume key**: Set the device to use the Volume button to control the shutter or zoom function.
- **Timer**: Use this for delayed-time shots.
- **White balance**: Select an appropriate white balance, so images have a true-to-life colour range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
- **Exposure value**: Change the exposure value. This determines how much light the camera's sensor receives. For low-light situations, use a higher exposure.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Flash**: Activate or deactivate the flash.
- **Voice control**: Set the camera to take photos with voice commands.
- **Contextual filename**: Set the camera to display contextual tags. Activate this to use Tag Buddy in **Gallery** and **Story Album**.
- **Storage**: Select the memory location for storage.
- **Reset**: Reset the camera settings.

Shortcuts

Reorganise shortcuts for easy access to the camera's various options.

Tap ☰ → **Edit quick settings**.

Tap and hold an option and drag it to a slot at the top of the screen. The other icons can be moved within the list by tapping and dragging them.

Gallery

Use this application to view images and videos.

Tap **Gallery** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Viewing images

Launching **Gallery** displays available folders. When another application, such as **Email**, saves an image, the **Download** folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates the **Screenshots** folder. Select a folder to open it.

In a folder, images are displayed by creation date. Select an image to view it in full screen.

Scroll left or right to view the next or previous image.

Zooming in and out

Use one of the following methods to zoom in an image:

- Double-tap anywhere to zoom in.
- Spread two fingers apart on any place to zoom in. Pinch to zoom out, or double-tap to return.

Viewing images using the motion feature

Use the motion feature to execute a function with particular motion.

On the Applications screen, tap **Settings** → **My device** → **Motions and gestures** → **Motion**, drag the **Motion** switch to the right, and then turn on the switch for each feature.

To stop using a motion feature, turn off the switch for the feature.

Playing videos

Video files show the ▶ icon on the preview. Select a video to watch it and tap ▶.

Trimming segments of a video

Select a video, and then tap ✂. Move the start bracket to the desired starting point, move the end bracket to the desired ending point, and then save the video.

Editing images

When viewing an image, tap ≡ and use the following functions:

- **Favorite**: Add the image to favourites.
- **Slideshow**: Start a slideshow with the images in the current folder.
- **Photo frame**: Use this to write a note below the image. The edited image is saved in the **Photo frame** folder.
- **Photo note**: Use this to write a note on the back of the image. Tap ✎ to edit the note.
- **Copy to clipboard**: Copy to clipboard.
- **Print**: Print the image via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.
- **Rename**: Rename the file.
- **Buddy photo share**: Send the image to a person whose face is tagged in the image.
- **Rotate left**: Rotate anticlockwise.
- **Rotate right**: Rotate clockwise.
- **Crop**: Resize the blue frame to crop and save the image in it.
- **Scan for nearby devices**: Search for devices that have media sharing activated.
- **Set as**: Set the image as wallpaper or a contact image.
- **Details**: View image details.
- **Settings**: Change the Gallery settings.

Modifying images

When viewing an image, tap ✎ and use the following functions:

- **Rotate**: Rotate the image.
- **Crop**: Crop the image.
- **Color**: Adjust the saturation or brightness of the image.
- **Effect**: Apply effects to the image.
- **Portrait**: Correct red-eye, adjust and retouch faces, or make background blurry.
- **Sticker**: Attach stickers.
- **Drawing**: Draw on the image.
- **Frame**: Apply frames to the image.

Favourite images

When viewing an image, tap ☰ → **Favorite** to add the image to the favourites list.

Deleting images

Use one of the following methods:

- In a folder, tap ☰ → **Select item**, select images by ticking, and then tap 🗑.
- When viewing an image, tap 🗑.

Sharing images

Use one of the following methods:

- In a folder, tap ☰ → **Select item**, select images by ticking, and then tap ⋖ to send them to others.
- When viewing an image, tap ⋖ to send it to others or share it via social network services.

Setting as wallpaper

When viewing an image, tap ☰ → **Set as** to set the image as wallpaper or to assign it to a contact.

Tagging faces

Tap ☰ → **Settings**, and then tick **Face tag**. A yellow frame appears around the recognised face on an image. Tap the face, tap **Add name**, and then select or add a contact.

When the face tag appears on an image, tap the face tag and use available options, such as making calls or sending messages.

Face recognition may fail depending on the face angle, face size, skin colour, facial expression, light conditions, or accessories the subject is wearing.

Using Tag Buddy

Tap ☰ → **Settings** → **Tag buddy**, and then drag the **Tag buddy** switch to the right to display a contextual tag (weather, location, date, and person's name) when opening an image.

Story Album

Use this application to create your own digital album to keep your stories by organising the images neatly and automatically.

Tap **Story Album** on the Applications screen.

Creating story albums

Tap **Create album** → **By tag information** to create a story album automatically. Select criteria, and then tap **Find pictures**. Enter a title for the album, select a theme, and then tap **Create album**.

To create it manually, tap **Create album** → **From Gallery**.

Creating recommended albums

When you take photos at one location, the device automatically sorts your photos into albums based on your specified criteria and suggests making the new albums.

Tap ☰ → **Settings** → **Home city**, and then set a method for recognising your location. Select an album type and set a minimum number of photos.

When you take photos that meet the criteria you set, the device will suggest making an album.

Tap **Create album** → **From suggestions**. Select an album, enter a title for the album, and then tap **Create album**.

The device will recommend making story albums when you surpass the preset number of photos in a single day.

Viewing story albums

Select a story album. The cover image appears on the first page. Scroll left or right to view images in the story album.

When viewing an image, tap ☰ and use the following functions:

- **Add content**: Add more content to the current page.
- **Remove content**: Delete content on the current page.
- **Change theme**: Change the theme for the page layout.
- **Slideshow**: Start a slideshow with the images in the current album.
- **Share via**: Send the album to others.
- **Print**: Print the album via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.
- **Order photo book**: Place an order for a printed album.
- **Export**: Export the album as another file format.
- **Delete album**: Delete the album.

Editing images

Tap the image of the page in an album.

To add a caption, tap ✎.

To send the image to others, tap <.

To delete the image, tap 🗑.

To apply effects to the image, tap ^.

To start a slideshow, tap ☰ → **Slideshow** → **Start slideshow**.

To set the image as an album cover image, tap ☰ → **Set as cover**.

To rotate the image anticlockwise, tap ☰ → **Rotate left**.

To rotate the image clockwise, tap ☰ → **Rotate right**.

Video

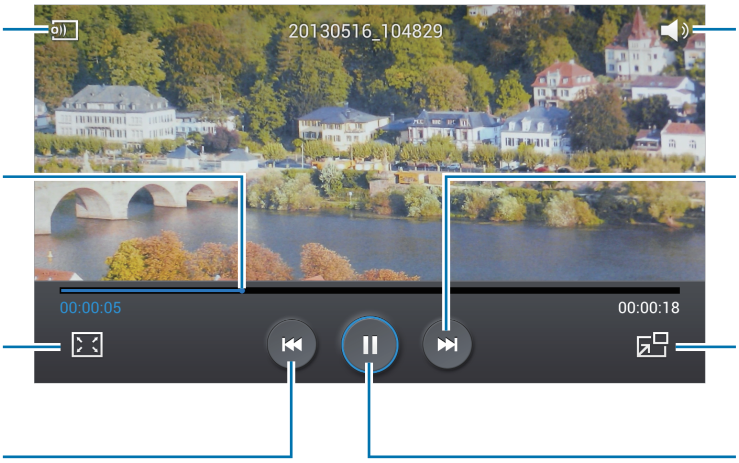
Use this application to play video files.

Tap **Video** on the Applications screen.

- Some file formats are not supported depending on the device's software.
- Some files may not play properly depending on the encoding method used.

Playing videos

Select a video to play.



Scan DLNA-enabled devices.

Adjust the volume.

Move forwards or backwards by dragging the bar.

Skip to the next video. Tap and hold to move forwards quickly.

Change screen ratio.

Reduce the size of the video screen.

Restart the current video or skip to the previous video. Tap and hold to move backwards quickly.

Pause and resume playback.

Deleting videos

Tap ≡ → **Delete**, select videos by ticking, and then tap **Delete**.

Sharing videos

Tap ☰ → **Share via**, select videos by ticking, tap **Done**, and then select a sharing method.

Using Popup Video player

Use this feature to use other applications without closing the video player. While watching videos, tap ⧉ to use the pop-up player.

Spread two fingers apart on the screen to enlarge the player or pinch to reduce it. To move the player, drag the player to another location.

YouTube

Use this application to watch videos from the YouTube website.

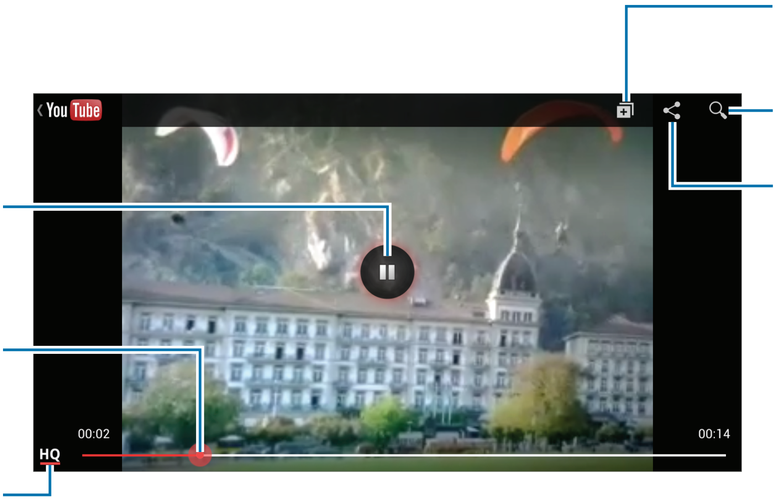
Tap **YouTube** on the Applications screen.

This application may not be available depending on the region or service provider.

Watching videos

Tap 🔍, and then enter a keyword. Select one of the returned search results to watch a video.

Rotate the device to landscape orientation to display full screen.



Add the video to the playlist.

Search for videos.

Send the URL to others.

Pause or resume playback.

Move forwards or backwards by dragging the bar.

Change display quality.

Sharing videos

Select the video to view, tap ⋖, and then select a sharing method.

Uploading videos

Select your account, tap ⤒, select a video, enter information for the video, and then tap **UPLOAD**.

Flipboard

Use this application to access your personalised magazines.

Tap **Flipboard** on the Applications screen.

This application may not be available depending on the region or service provider.

To start your Flipboard, flick up on the greeting page, select news topics, and then tap **Done**.

Select a cover story or a topic, flick through the Flipboard pages, and then select an article to read.

While reading an article, use the following icons:

- ‹ : Go to the previous page.
- 👍 : Set the article as your likes in Facebook.
- 💬 : View others' comments about the article.
- ⋖ : Share the article with others.

FM Radio

Listen to music and news on the FM radio. To listen to the FM radio, you must connect a headset, which serves as the radio antenna.

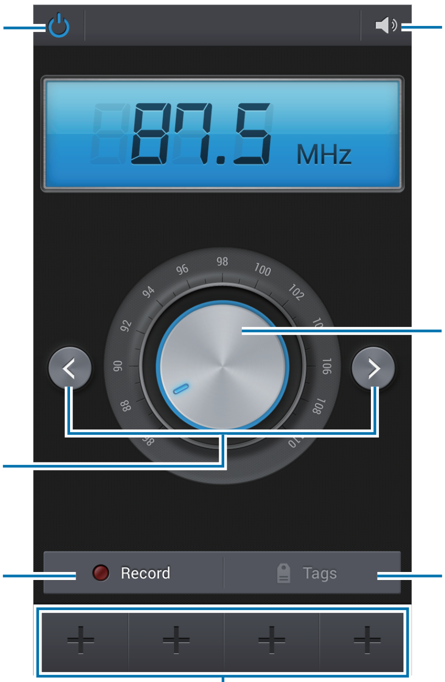
Tap **FM Radio** on the Applications screen.

Listening to the FM radio

Plug a headset into the device before launching the FM radio.

The FM radio scans and saves available stations automatically when running for the first time.

Tap ⏻ to turn on the FM radio. Select the radio station you want from the stations list and tap ↩ to return to the FM radio screen.



Turn the FM radio on or off.

Adjust the volume.

Fine-tune the frequency.

Search for an available radio station.

Record a song from the FM radio.

View information about the current track.

Add the current radio station to the favourites list.

Scanning radio stations

Tap ≡ → **Scan**, and then select a scan option. The FM radio scans and saves available stations automatically.

Select the radio station you want from the stations list and tap ↩ to return to the FM radio screen.

Adding stations to the favourites list

Scroll to a radio station, and then tap + to add the station to the favourites list.

Application & media stores

Play Store

Use this application to purchase and download applications and games that are able to run on the device.

Tap **Play Store** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category, or tap 🔍 to search with a keyword.

Select an application to view information. To download it, tap **Install**. If there is a charge for the application, tap the price, and follow on-screen instructions to complete the purchase process.

- When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.
- To install applications that you downloaded from other sources, on the Applications screen, tap **Settings** → **More** → **Security** → **Unknown sources**.

Uninstalling applications

Uninstall the applications purchased from **Play Store**.

Tap ☰ → **My Apps**, select an application to delete in the list of installed applications, and then tap **Uninstall**.

Samsung Apps

Use this application to purchase and download dedicated Samsung applications. For more information, visit *www.samsungapps.com*.

Tap **Samsung Apps** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category. Tap **CATEGORY** to select a category.

To search for an application, tap 🔍 at the top of the screen, and then enter a keyword in the search field.

Select an application to view information. To download it, tap **Free**. If there is a charge for the application, tap the price, and follow on-screen instructions to complete the purchase process.

When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.

Play Music

Use this application to listen to music from the device or stream music from the Google cloud service.

Tap **Play Music** on the Applications screen.

This application may not be available depending on the region or service provider.

Play music by selecting a music category or share songs with others by uploading them to the Google cloud storage.

Utilities

S Memo

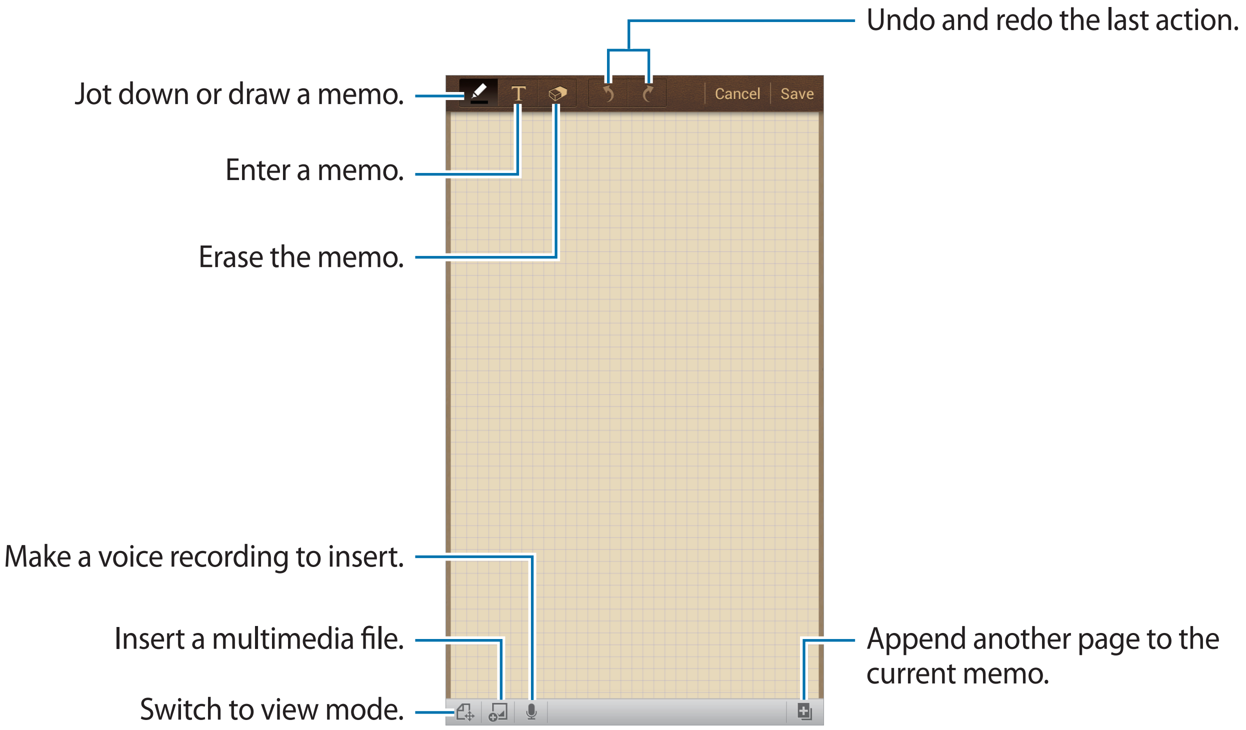
Use this application to create a memo using images and voice recordings.

Tap **S Memo** on the Applications screen.

Composing memos

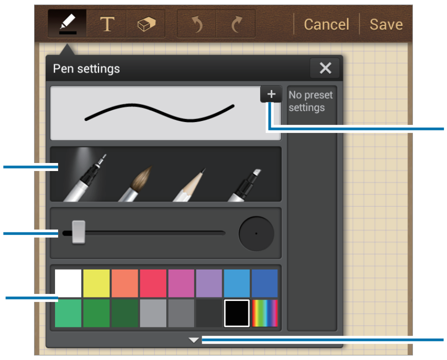
Create memos with enriched content by drawing sketches with your finger or adding images or voice memos.

Tap +✎ to write or draw on the screen, or tap +T to enter text with the keyboard.


Undo and redo the last action.
Jot down or draw a memo.
Enter a memo.
Erase the memo.
Cancel
Save
Make a voice recording to insert.
Insert a multimedia file.
Switch to view mode.
Append another page to the current memo.

When jotting down a memo, tap ✎ once more to change the pen type, line thickness, or pen colour.

When erasing the handwritten memo, tap once more to change the eraser size or tap **Clear all** to clear the memo.



Change the pen type.

Change the line thickness.

Change the pen colour.

Save the current setting as a pen profile.

View more colours.

To change the sheet background, tap ≡ → **Change background**.

To add tags, tap ≡ → **Add tag**.

Inserting multimedia files or a voice recording

Tap to insert multimedia files. Tap to insert a voice recording.

Browsing memos

Browse memo thumbnails by scrolling up or down.

To search for a memo, tap ≡ → **Search**.

To delete memos, tap ≡ → **Delete**.

To sort memos by date, title, tag, or others, tap ≡ → **Sort by**.

To change the view mode, tap ≡ → **List view**.

To create a memo by importing a file, tap ≡ → **Import**.

To export memos as another file format, tap ≡ → **Export**.

To create a folder, tap ≡ → **Create folder**.

To move memos to another folder, tap ≡ → **Move**.

To copy memos, tap ≡ → **Copy**.

To change the S Memo settings, tap ≡ → **Settings**.

To access help information for S Memo, tap ≡ → **Help**.

Viewing a memo

Tap the memo thumbnail to open it.

To delete memos, tap ≡ → **Delete**.

To send the memo to others, tap ≡ → **Share via**.

To save the memo as an image file or a PDF file, tap ≡ → **Export**.

To add the memo as your favourites list, tap ≡ → **Add to Favorites**.

To save the memo as an event, tap ≡ → **Create event**.

To set the memo as wallpaper or to assign it to a contact, tap ≡ → **Set as**.

To print the memo via a USB or Wi-Fi connection, tap ≡ → **Print**. The device is only compatible with some Samsung printers.

To edit the memo, tap ✎.

To play the voice recording, tap 🎙.

S Planner

Use this application to manage events and tasks.

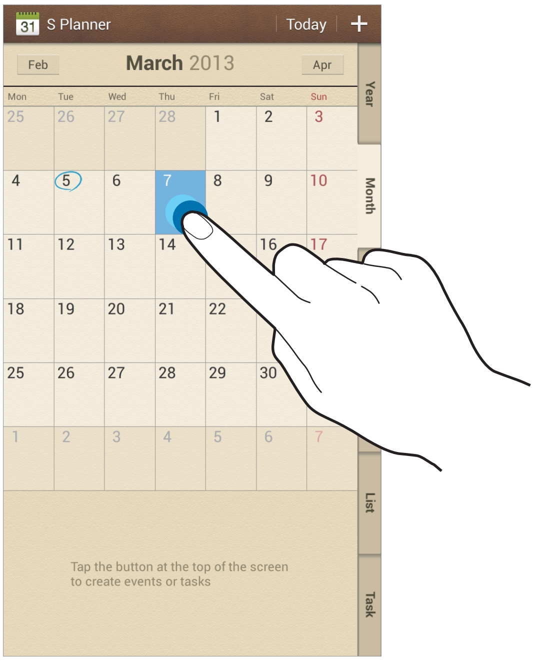
Tap **S Planner** on the Applications screen.

Creating events or tasks

Tap +, and then use one of the following methods:

- **Add event**: Enter an event with an optional repeat setting.
- **Add task**: Enter a task with an optional priority setting.

To add an event or task more briefly, tap a date to select it and tap it again.



Tap the button at the top of the screen to create events or tasks

Enter a title and specify which calendar to use or sync with. Then tap **Edit event details** or **Edit task details** to add more details, such as how often the event repeats, when it has an advance alert, or where it takes place.

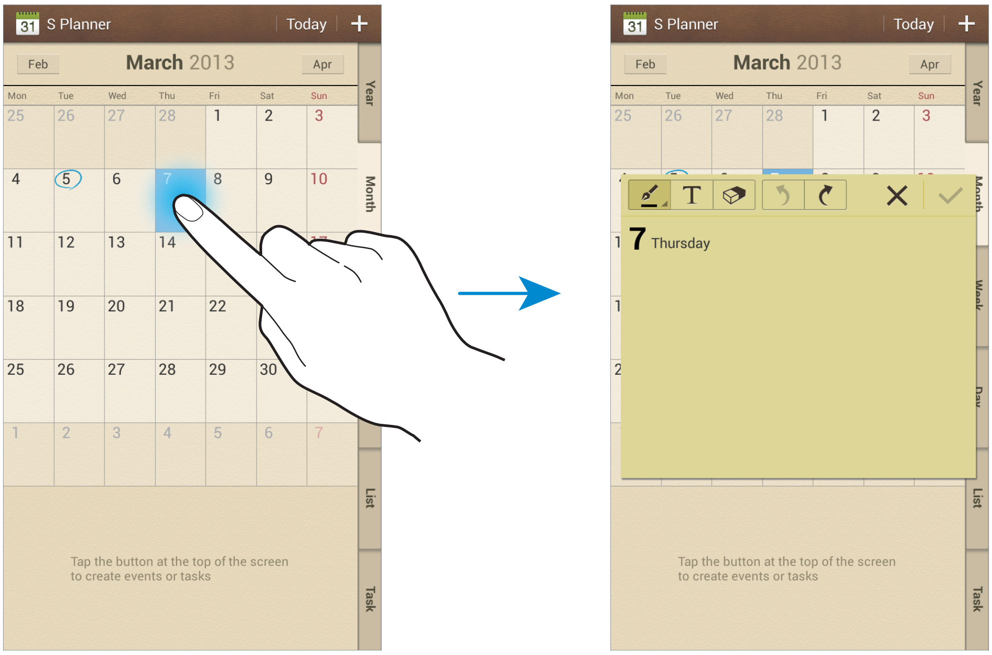
Attach a map showing the location of the event. Enter the location in the **Location** field, tap 🗺 next to the field, and then pinpoint the precise location by tapping and holding on the map that appears.

Attach a memo from S Memo. Tap **Memos**, and then compose a new memo or select one of the existing memos.

Attach an image. Tap **Images**, and then take a photo or select one of the existing images.

Attaching memos to a date

Tap and hold a date to select it and the memo pad appears.


S Planner
Today
Feb
March 2013
Apr
Mon
Tue
Wed
Thu
Fri
Sat
Sun
Year
Month
Week
Day
List
Task
7 Thursday

Tap the button at the top of the screen to create events or tasks

Syncing with Google Calendar

On the Applications screen, tap **Settings** → **Accounts** → **Google** under **My accounts** → a Google account → **Sync Calendar**. To manually sync for updating, on the Applications screen, tap **S Planner** → ☰ → **Sync**.

To display synced event or tasks, tap ☰ → **Calendars** → **Display**, tick the Google account, and then tap **Done**.

Changing calendar type

Select one from among different types of calendars including year, month, week, and others at the right side of the screen. A pinch gesture can be used to change calendar type. For example, pinch to change from the monthly calendar to the yearly calendar, and spread apart to change yearly calendar back to monthly calendar.

Searching for events

Tap ≡ → **Search**, and then enter a keyword to search for.

To view today's events, tap **Today** at the top of the screen.

Deleting events

Select a date or event, and then tap ≡ → **Delete**.

Sharing events

Select an event, tap ≡ → **Share via**, and then select a sharing method.

Dropbox

Use this application to save and share files with others via the Dropbox cloud storage. When you save files to Dropbox, your device automatically syncs with the web server and any other computers that have Dropbox installed.

Tap **Dropbox** on the Applications screen.

This application may not be available depending on the region or service provider.

When running Dropbox for the first time, tap **Start** to activate it. Follow the on-screen instructions to complete the setup.

Once Dropbox is activated, photos and videos taken with the device's camera are uploaded to Dropbox automatically. To view the uploaded photos or videos, tap 🖼. To share or delete files or create albums, tap ☑, and then select files.

To upload files to Dropbox, tap ❖ → ≡ → **Upload here** → **Photos or videos** or **Other files**. To open files in Dropbox, select a file.

While viewing images or videos, tap ★ to add it to the favourites list. To open files in the favourites list, tap ★.

Cloud

Use this feature to sync files or back up settings and application data with your Samsung account or Dropbox.

On the Applications screen, tap **Settings** → **Accounts** → **Cloud**.

This feature may not be available depending on the region or service provider.

Syncing with the Samsung account

Tap your Samsung account or **Sync settings** to sync files.

Backing up or restoring data

Tap **Backup** or **Restore** to back up or restore data with your Samsung account.

Syncing with Dropbox

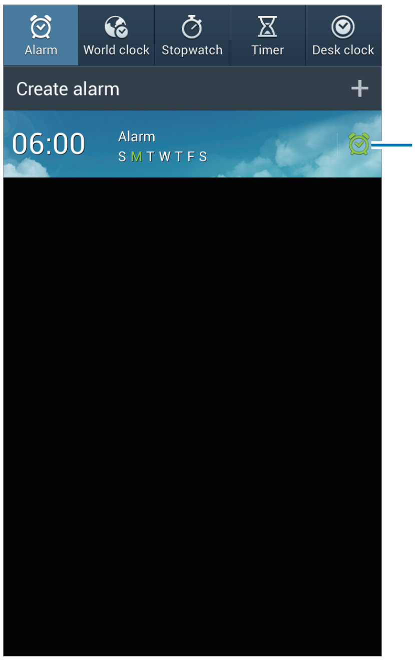
Tap **Link Dropbox account**, and then enter the Dropbox account. Follow the on-screen instructions to complete the setup.

Once you sign in, tap **Allow** and the device automatically syncs files with Dropbox whenever you make some changes.

Clock

Use this application to set alarms, check the time in any location in the world, measure the duration of an event, set a timer, or use as the desk clock.

Tap **Clock** on the Applications screen.


Alarm
World clock
Stopwatch
Timer
Desk clock
Create alarm
06:00
Alarm
S M T W T F S

Turn this alarm on or off.

Alarm

Setting alarms

Tap **Create alarm**, set a time for the alarm to go off, select days for the alarm to repeat, and then tap **Save**.

- **Location alarm**: Set a location. The alarm goes off only when you are in the location.
- **Snooze**: Set an interval and the number of times for the alarm to repeat after the preset time.
- **Smart alarm**: Set a time for the alarm to go off before the preset time.

Stopping alarms

Drag ❌ outside the large circle to stop an alarm. Drag zZ outside the large circle to repeat the alarm after a specified length of time.

Deleting alarms

Tap and hold the alarm, and then tap **Delete**.

World clock

Creating clocks

Tap **Add city**, and then enter a city name or select a city from the cities list.

To apply summer time, tap and hold a clock, and then tap **DST settings**.

Deleting clocks

Tap and hold the clock, and then tap **Delete**.

Stopwatch

Tap **Start** to time an event. Tap **Lap** to record lap times.

Tap **Reset** to clear lap time records.

Timer

Set the duration, and then tap **Start**.

Drag ❌ outside the large circle when the timer goes off.

Desk clock

Tap ⛶ to view in full screen.

Calculator

Use this application for simple or complex calculations.

Tap **Calculator** on the Applications screen.

Rotate the device to landscape orientation to display the scientific calculator. If **Screen rotation** is disabled, tap ☰ → **Scientific calculator**.

To see the calculation history, tap ▬ to hide the keypad.

To clear the history, tap ☰ → **Clear history**.

To change the character size for the history, tap ☰ → **Text size**.

To set the calculator for convenient use with one hand, tap ☰ → **One-handed operation on**.

S Translator

Use this application to translate text into other languages.

Tap **S Translator** on the Applications screen.

Using S Translator

Set the source and target languages, enter text in the input field, and then tap .

To add a language pair to your favourites list, tap ★.

To send a language pair to others, tap <.

Starting a conversation with the translator

Tap the buttons at the bottom of the screen to communicate with another person via spoken translation.

Tap **Speak** for your language, and then speak into the microphone. The device will translate what you say. Tap 🔊 in the target language field to let the device read the translation out loud.

Then, tap **Speak** for the language of the person you are talking with and let the person reply in their language. The device will translate what they say. Tap 🔊 in the source language field to let the device read it back to you.

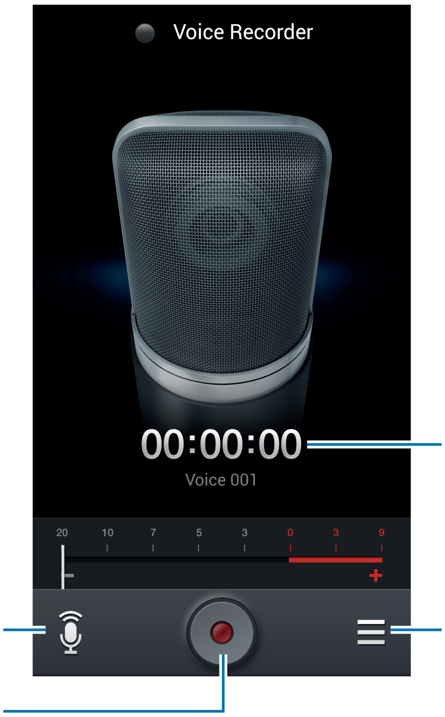
Voice Recorder

Use this application to record or play voice memos.

Tap **Voice Recorder** on the Applications screen.

Recording voice memos

Tap ● to start recording. Speak into the microphone at the bottom of the device. Tap ⏸ to pause recording. Tap □ to finish recording.



Recording elapsed time

Change the recording quality.

Display the list of voice memos.

Start recording.

Playing voice memos

Select a voice memo to play.

- ✂ : Trim the voice memo.
- x1.0 : Adjust the playback speed.
- ⏸ : Pause playback.
- 60s ⏪ / 60s ⏩ : Skip 60 seconds backwards or forwards.
- ⏮ / ⏭ : Skip to the previous or next voice memo.

To send a voice memo to others, tap ☰ → **Share via**, and then select a sharing method.

Managing voice memos

In the list of voice memos, tap ☰ and select one of the following:

- **Share via**: Select voice memos to send, and then select a sharing method.
- **Delete**: Select voice memos to delete.
- **Settings**: Change the voice recorder settings.
- **End**: Close the voice recorder.

Saving files with contextual tags

In the list of voice memos, tap ☰ → **Settings** → **Contextual filename** → **On**.

S Voice

Use this application to command the device by voice to dial a number, send a message, write a memo, and more.

Tap **S Voice** on the Applications screen. Alternatively, press the Home button twice.

This application may not be available depending on the region or service provider.

Here are several examples of spoken commands:

- Open music
- Launch calculator
- Call Lulu mobile
- Dial Lulu work
- Check schedule

Tips for better voice recognition

- Speak clearly.
- Speak in quiet places.
- Do not use offensive or slang words.
- Avoid speaking in dialectal accents.

The device may not recognise your commands or may perform unwanted commands depending on your surroundings or how you speak.

Driving mode

In driving mode, the device will read content aloud when you have incoming calls, messages, and notifications so you can use the device without hands while driving. For example, the device will read aloud the caller’s name or phone number when a call comes in.

To activate driving mode, say “Driving mode on.”

Google

Use this application to search not only the Internet, but also applications and their contents on the device as well.

Tap **Google** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching the device

Tap the search field, and then enter a keyword. Alternatively, tap 🎤, and then speak a keyword.

If no results are returned from the applications, the web browser appears, displaying the search results.

Searching with images

To search with an image, tap ≡ → **Search with camera**. Aim the rear camera at an image, and then tap 📷.

This feature is available only for English.

Search scope

To select what applications to search, tap ≡ → **Settings** → **Phone search**, and then tick the items to search for.

Google Now

Launch Google search to view Google Now cards that show the current weather, public transit info, your next appointment, and more when you are most likely to need it.

Join Google Now when opening Google search for the first time. To change Google Now settings, tap ≡ → **Settings** → **Google Now**.

Voice Search

Use this application to search webpages by speaking.

Tap **Voice Search** on the Applications screen.

This application may not be available depending on the region or service provider.

Speak a keyword or phrase when **Speak now** appears on the screen.

My Files

Use this application to access all kinds of files stored in the device, including images, videos, songs, and sound clips.

Tap **My Files** on the Applications screen.

Viewing files

Select a folder to open it. To go back to the parent folder, tap ↰. To return to the root directory, tap ⌂.

In a folder, tap ☰, and then use one of the following options:

- **Select all**: Select all files to apply the same option to them at once.
- **Create folder**: Create a folder.
- **Search**: Search for files.
- **View by**: Change the view mode.
- **Sort by**: Sort files or folders.
- **Settings**: Change the file manager settings.

Adding shortcuts to folders

Add a shortcut of frequently-used folders to the root directory. Tap ☰ → **Add shortcut**, enter a shortcut name, select a folder, and then tap **Set here**.

Downloads

Use this application to see what files are downloaded through the applications.

Tap **Downloads** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a file to open it with an appropriate application.

To sort the files by size, tap **Sort by size**.

To sort the files by date, tap **Sort by date**.

TripAdvisor

Use this application to get travel information such as destination or hotel. You can also book for a room and share your reviews with others.

Tap **TripAdvisor** on the Applications screen.

Travel & local

Maps

Use this application to pinpoint the location of the device, search for places, or get directions.

Tap **Maps** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching for locations

Tap **Search Maps**, enter an address, and then tap 🔍. Select a location to view the detailed location information.

Once the location is found, tap ☰ and use one of the following functions:

- **Clear Map**: Clear the map.
- **Make available offline**: Save the map of a specified area to view it offline.
- **Local**: Search for nearby locations.
- **Layers**: Overlay multiple layers including satellite images, traffic information, and more.
- **Latitude**: Share location information with friends.
- **My Places**: View offline maps, starred places, recent places, and more.
- **Settings**: Change the map settings.
- **Help**: View information about using the map.

To view current location, tap ⌖.

Getting directions for a destination

1 Tap ◈.

2 Tap 🔖, and then select a method to enter starting and ending locations:

- **My current location**: Use current location for starting location.
- **Contacts**: Select from the contacts list.
- **Point on map**: Pinpoint by tapping on the map.
- **My Places**: Select from the list of favourite places.

3 Select a travel method, such as driving, public transit, or walking, and then tap **Go**.

4 Select one of the routes that appear.

Local

Use this application to search for nearby restaurants, banks, bus stops, and more.

Tap **Local** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a place category, and then select a place from the list of search results.

- **Map**: Pinpoint the place on the map.
- **Directions**: Search for a route to the place.
- **Call**: Call the place’s phone number.

To add a place category, tap ≡ → **Add a search** on the category list, and then enter a keyword to search into the text field.

Navigation

Use this application to search for a route to a destination.

Tap **Navigation** on the Applications screen.

- Navigation maps, your current location, and other navigational data may differ from actual location information. You should always pay attention to road conditions, traffic, and any other factors that may affect your driving. Follow all safety warnings and regulations while driving.
- This application may not be available depending on the region or service provider.

Specify the destination by using one of the following methods:

- Speak the destination address.
- Enter the destination address.
- Select the destination address from the contacts list.
- Select the destination from the list of starred places.

Once a route is found, follow on-screen instructions to navigate to the destination.

Settings

About Settings

Use this application to configure the device, set application options, and add accounts.

Tap **Settings** on the Applications screen.

Connections

Wi-Fi

Activate the Wi-Fi feature to connect to a Wi-Fi network and access the Internet or other network devices.

To use options, tap **Wi-Fi** → ☰.

- **Advanced**: Customise Wi-Fi settings.
- **WPS push button**: Connect to a secured Wi-Fi network with a WPS button.
- **WPS PIN entry**: Connect to a secured Wi-Fi network with a WPS PIN.
- **Help**: Access help information for Wi-Fi.

Setting Wi-Fi sleep policy

Tap **Wi-Fi** → ☰ → **Advanced** → **Keep Wi-Fi on during sleep**.

When the screen is turned off, the device automatically turns off Wi-Fi connections. When this happens, the device automatically accesses data networks if it is set to use them. This may incur data transfer fees. To avoid data-usage bills, set this option to **Always**.

Setting Network notification

The device can detect open Wi-Fi networks and display an icon on the status bar to notify when available.

Tap **Wi-Fi** → ☰ → **Advanced** and tick **Network notification** to activate this feature.

Wi-Fi Direct

Wi-Fi Direct connects two devices directly via a Wi-Fi network without requiring an access point.

Tap **Wi-Fi** → **Wi-Fi Direct**.

Bluetooth

Activate the Bluetooth feature to exchange information over short distances.

To use more options, tap ☰.

- **Visibility timeout**: Set duration that the device is visible.
- **Received files**: View received files via the Bluetooth feature.
- **Help**: Access help information for Bluetooth.

Data usage

Keep track of your data usage amount, and customise the settings for the limitation.

- **Mobile data**: Set the device to use data connections on any mobile network.
- **Set mobile data limit**: Set a limit for the mobile data usage.
- **Data usage cycle**: Enter monthly reset date to monitor your data usage.

To use more options, tap ☰.

- **Data roaming**: Set the device to use data connections when you are roaming.
- **Restrict background data**: Set the device to disable sync in the background while using a mobile network.

- **Auto sync data**: Set the device to sync contact, calendar, email, bookmark, and social network image data automatically.
- **Show Wi-Fi usage**: Set the device to show your data usage via Wi-Fi.
- **Mobile hotspots**: Select Wi-Fi hotspots to prevent applications that are running in the background from using them.

More networks

Customise settings to control networks.

Airplane mode

This disables all wireless functions on your device. You can use only non-network services.

Mobile networks

- **Mobile data**: Use to allow packet switching data networks for network services.
- **Data roaming**: Use the device to connect to another network when you are roaming or your home network is not available.
- **Access Point Names**: Set up access point names (APNs).
- **Network mode**: Select a network type.
- **Network operators**: Search for available networks and select a network for roaming.

Tethering and portable hotspot

- **Portable Wi-Fi hotspot**: Use the portable Wi-Fi hotspot to share the device’s mobile network connection with computers or other devices through the Wi-Fi network.
- **USB tethering**: Use USB tethering to share the device’s mobile network connection with a computer via USB. When connected to a computer, the device is used as a wireless modem for the computer.
- **Bluetooth tethering**: Use the Bluetooth tethering to share the device’s mobile network connection with computers via Bluetooth.
- **Help**: Learn more about USB, Wi-Fi, and Bluetooth tethering.

VPN

Set up and connect to virtual private networks (VPNs).

NFC

- **NFC**: Activate the NFC feature to read or write NFC tags that contain information.
- **Android Beam**: Turn on the Android Beam feature to send data, such as webpages and contacts, to NFC-enabled devices.

S Beam

Activate the S Beam feature to send data, such as videos, images, and documents, to devices that support NFC and Wi-Fi Direct.

Nearby devices

- **File sharing**: Activate media sharing to allow other DLNA-enabled devices to access media files on your device.
- **Shared contents**: Set the device to share your content with other devices.
- **Allowed devices list**: View the list of devices that can access your device.
- **Not-allowed devices list**: View the list of devices that are blocked from accessing your device.
- **Download to**: Select a memory location for saving media files.
- **Upload from other devices**: Set the device to accept uploads from other devices.

Screen Mirroring

Activate the screen mirroring feature and share your display with others.

Kies via Wi-Fi

Connect the device to Samsung Kies via a Wi-Fi network.

My device

Lock screen

Change settings for the locked screen.

- **Screen lock**: Activate the screen lock feature. The following options may vary depending on the screen lock feature selected.
- **Multiple widgets**: Set the device to allow use of widgets on the locked screen.
- **Lock screen widgets**:
  - **Favorite apps or Camera**: Set the device to show shortcuts for each application or launch the camera application automatically when you swipe panels to the left on the locked screen.
  - **Clock or personal message**: Set the device to show a clock or personal message on the locked screen. The following options may vary, depending on your selection.

  For a clock:

  - **Dual clock**: Set the device to show the dual clock.
  - **Clock size**: Change the size of the clock.
  - **Show date**: Set the device to show the date with the clock.
  - **Owner information**: Enter your information that is shown with the clock.

  For a personal message:

  - **Edit personal information**: Edit the personal message.
- **Shortcuts**: Set the device to show and edit application shortcuts on the locked screen.

This feature may not be available depending on the region or service provider.

- **Unlock effect**: Select an effect when you unlock the screen.
- **Help text**: Set the device to show the help text on the locked screen.
- **Wake up in lock screen**: Set the device to recognise your wake up command when the screen is locked.
- **Set wake-up command**: Set a wake up command to launch **S Voice** or perform a specified function.

Display

Change the settings for the display.

- **Wallpaper**:
  - **Home screen**: Select a background image for the Home screen.
  - **Lock screen**: Select a background image for the locked screen.
  - **Home and lock screens**: Select a background image for the Home screen and the locked screen.
- **Notification panel**: Customise the items that appear on the notifications panel.
- **Multi window**: Set the device to use Multi Window.
- **Screen mode**:
  - **Adapt display**: Use this mode for optimising the display according to the display settings.
  - **Dynamic**: Use this mode to make the display tone more vivid.
  - **Standard**: Use this mode for normal surroundings.
  - **Movie**: Use this mode for dim surroundings, such as in a dark room.
- **Brightness**: Set the brightness of the display.
- **Auto-rotate screen**: Set the content to rotate automatically when the device is turned.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Daydream**: Set the device to launch a screensaver when your device is connected to a desktop dock or charging.
- **Font style**: Change the font type for display text.
- **Font size**: Change the font size.
- **Increase legibility**: Sharpen the text to make it easier to read.
- **Touch key light duration**: Set the duration for the touch button backlight.
- **Display battery percentage**: Set the device to display the remaining battery life.
- **Edit after screen capture**: Set the device to edit the screenshot after capturing it.

LED indicator

- **Charging**: Set the device to turn on the notification light while you are charging the battery.
- **Low battery**: Set the device to turn on the notification light when the battery is low.
- **Notifications**: Set the device to turn on the notification light when you have missed calls, messages, or notifications.
- **Voice recording**: Set the device to turn on the notification light when you record voice memos.

Sound

Change settings for various sounds on the device.

- **Volume**: Adjust the volume level for call ringtones, music and videos, system sounds, and notifications.
- **Vibration intensity**: Adjust the force of the vibration notification.
- **Ringtones**: Select a ringtone to alert you to incoming calls.
- **Vibrations**: Add or select a vibration pattern.
- **Notifications**: Select a ringtone for events, such as incoming messages and missed calls.
- **Vibrate when ringing**: Set the device to vibrate and play a ringtone for incoming calls.
- **Dialing keypad tone**: Set the device to sound when tapping the buttons on the keypad.
- **Touch sounds**: Set the device to sound when selecting an application or option on the touch screen.
- **Screen lock sound**: Set the device to sound when locking or unlocking the touch screen.
- **Haptic feedback**: Set the device to vibrate when touching keys.
- **Adapt Sound**: Personalise the sound for the ear you use most during calls or while listening to music.

Home screen mode

Select a Home screen mode (standard or easy).

Call

Customise the settings for calling features.

- **Call rejection**: Reject calls from specified phone numbers automatically. Add phone numbers to the reject list.
- **Set up call rejection messages**: Add or edit the message sent when you reject a call.
- **Answering/ending calls**:
  - **The home key answers calls**: Set the device to answer an incoming call when pressing the Home button.
  - **Voice control**: Set the device to answer or reject an incoming call with voice commands.
  - **The power key ends calls**: Set the device to end a call when pressing the Power button.
- **Turn off screen during calls**: Set the device to turn on the proximity sensor during a call.
- **Call alerts**:
  - **Answer vibration**: Set the device to vibrate when the other party answers a call.
  - **Call-end vibration**: Set the device to vibrate when the other party ends a call.
  - **Call connect tone**: Activate or deactivate the call connection tone.
  - **Minute minder**: Activate or deactivate the minute minder tone.
  - **Call end tone**: Activate or deactivate the call disconnection tone.
  - **Alerts during calls**: Set the device to alert you to events during a call.
- **Call accessories**:
  - **Automatic answering**: Set the device to answer automatically after a specified period (available only when a headset is connected).
  - **Automatic answering timer**: Select the length of time that the device waits before answering calls.
  - **Outgoing call conditions**: Set the device to allow outgoing calls with a Bluetooth headset, even when your device is locked.
  - **Outgoing call type**: Select the type of outgoing calls to make you use a Bluetooth headset.

- **Additional settings**:
  - **Caller ID**: Display your caller ID to other parties for outgoing calls.
  - **Call forwarding**: Divert incoming calls to another number.
  - **Auto area code**: Set the device to insert a prefix (area or country code) automatically before a phone number.
  - **Call barring**: Block incoming or outgoing calls.
  - **Call waiting**: Allow incoming call alerts when a call is in progress.
  - **Auto redial**: Activate auto redial for calls that were not connected or that were cut off.
  - **Fixed dialing numbers**: Activate or deactivate FDN mode to restrict calls to numbers in the FDN list. Enter the PIN2 supplied with your SIM or USIM card.
- **Ringtones and keypad tones**:
  - **Ringtones**: Select a ringtone to alert you to incoming calls.
  - **Vibrations**: Add or select a vibration pattern.
  - **Vibrate when ringing**: Set the device to vibrate and play a ringtone for incoming calls.
  - **Keypad tones**: Set the device to sound when tapping the buttons on the keypad.
- **Personalise call sound**: Select a type of call sound to use with a headset.
- **Noise reduction**: Set the device to remove background noise so that the other party can hear you more clearly.
- **Increase volume in pocket**: Set the device to raise the ringtone volume when the device is in an enclosed, such as a bag or pocket.
- **Video call image**: Select an image to be shown to the other party.
- **Use call fail options**: Choose to try a voice call when a video call fails to connect.
- **Voicemail service**: Select or set your voicemail service provider.
- **Voicemail settings**: Enter the number to access the voicemail service. Obtain this number from the service provider.
- **Sound**: Select a ringtone to alert you to new voicemails.
- **Vibrate**: Set the device to vibrate when voicemails are received.
- **Accounts**: Set the device to accept IP calls and set up your accounts for IP call services.
- **Use Internet calling**: Set whether to use IP call services for all calls or only for IP calls.

Blocking mode

Select which notifications will be blocked or set to allow notifications for calls from specified contacts in blocking mode.

Safety assistance

Set the device to send a message to recipients in an emergency. Press and hold the Volume up button and the Volume down button for 3 seconds to send the message.

- **Edit emergency message**: Edit the message that will be sent when you are in an emergency.
- **Send emergency pictures**: Set the device to take photos and send them along with the message to the recipients.

This feature may not be available depending on the region or service provider.

- **Message interval**: Set an interval for resending the message.
- **Emergency contacts**: Select or edit the recipients for the message.

Power saving mode

Activate power-saving mode and change the settings for power-saving mode.

- **CPU power saving**: Set the device to limit some system resource usage.
- **Screen power saving**: Set the device to decrease the brightness of the display.
- **Turn off haptic feedback**: Set the device to turn off the vibration when touching keys.
- **Learn about Power saving mode**: Discover how to reduce battery consumption.

Accessory

Change the accessory settings.

- **Dock sound**: Set the device to play a sound when your device is connected to or removed from a desktop dock.
- **Audio output mode**: Set the device to use the dock speaker when your device is connected to a desktop dock.
- **Desk home screen display**: Set the device to show the desk clock when your device is connected to a desktop dock.
- **Automatic unlock**: Set the device to unlock automatically when the cover is flipped open.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.

Accessibility

Accessibility services are special features for those with certain physical disabilities. Access and alert the following settings to improve accessibility to the device.

- **Auto-rotate screen**: Set the interface to rotate automatically when you rotate the device.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Speak passwords**: Set the device to read aloud passwords you enter with Talkback.
- **Answering/ending calls**:
  - **The home key answers calls**: Set the device to answer an incoming call when pressing the Home button.
  - **Answer calls by tapping**: Set the device to answer an incoming call when tapping the call accept button twice.
  - **Voice control**: Set the device to answer or reject an incoming call with voice commands.
  - **The power key ends calls**: Set the device to end a call when pressing the Power button.

- **Show shortcut**: Add a shortcut to **Accessibility** on the quick menu that appears when you press and hold the Power button.
- **Manage accessibility**: Export or import the accessibility settings to share them with other devices.
- **TalkBack**: Activate Talkback, which provides voice feedback.
- **Font size**: Change the font size.
- **Magnification gestures**: Set the device to zoom in and out with finger gestures.
- **Negative colors**: Reverse the display colours to improve visibility.
- **Colour adjustment**: Adjust the colour scheme for the screen when the device determines that you are colour blind or having difficulty reading content.
- **Accessibility shortcut**: Set the device to activate Talkback when you press and hold the Power button, and then tap and hold the screen with two fingers.
- **Text-to-speech options**:
  - **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
  - **Speech rate**: Select a speed for the text-to-speech feature.
  - **Listen to an example**: Listen to the spoken text for an example.
- **Enhance web accessibility**: Set applications to install web scripts to make their web content more accessible.
- **Sound balance**: Adjust the sound balance when using a dual headset.
- **Mono audio**: Enable mono sound when listening to audio with one earbud.
- **Turn off all sounds**: Mute all device sounds.
- **Flash notification**: Set the flash to blink when you have incoming calls, new messages, or notifications.
- **Assistant menu**: Set the device to show the assistive shortcut icon that helps you access functions supported by external buttons or features on the notifications panel. You can also edit the menu on the shortcut icon.
- **Tap and hold delay**: Set the recognition time for tapping and holding the screen.
- **Interaction control**: Set an area of the screen to be excluded from touch inputs.

One-handed operation

Activate one-handed operation mode for your convenience when using the device with one hand.

Language and input

Change the settings for text input. Some options may not be available depending on the selected language.

Language

Select a display language for all menus and applications.

Default

Select a default keyboard type for text input.

Google voice typing

To change the voice input settings, tap ⚙.

- **Choose input languages**: Select input languages for text input.
- **Block offensive words**: Set the device to prevent the device from recognising offensive words in voice inputs.
- **Download offline speech recognition**: Download and install language data for offline voice input.

Samsung keyboard

To change the Samsung keyboard settings, tap ⚙.

The available options may vary depending on the region or service provider.

- **Portrait keyboard types**: Change the keyboard layout.
- **Input languages**: Select languages for text input.
- **Predictive text**: Activate predictive text mode to predict words based on your input and show word suggestions. You can also customise the word prediction settings.

- **Continuous input**: Set the device to enter text by sweeping on the keyboard.
- **Cursor control**: Enable or disable the smart keyboard navigation feature to move the cursor by scrolling the keyboard.
- **Handwriting**: Customise settings for handwriting mode, such as recognition time, pen thickness, or pen colour.
- **Advanced**:
  - **Auto capitalization**: Set the device to automatically capitalise the first character after a final punctuation mark, such as a full stop, question mark, or exclamation mark.
  - **Auto spacing**: Set the device to automatically insert a space between words.
  - **Auto-punctuate**: Set the device to insert a full stop when you double-tap the space bar.
  - **Character preview**: Set the device to display a large image of each character tapped.
  - **Key-tap vibration**: Set the device to vibrate when a key is touched.
  - **Key-tap sound**: Set the device to sound when a key is touched.
- **Help**: Access help information for using the Samsung keyboard.
- **Reset settings**: Reset Samsung keyboard settings.

Voice recogniser

Select a voice recognition engine.

This feature appears once you use a voice recognition application.

Voice search

For Samsung voice recognition, use the following options:

- **Language**: Select a language for the voice recognition.
- **Open via the home key**: Set the device to launch **S Voice** by pressing the Home button twice.
- **Use location data**: Set the device to use location information for voice search results.
- **Hide offensive words**: Hide offensive words from voice search results.
- **Help**: Access help information for **S Voice**.
- **About**: View version information.

- **Voice control**: Control applications by voice commands.
- **Auto-start speaker**: Set the device to automatically turn on the speakerphone when making a call with **S Voice**.
- **Show body of message**: Set the device to display the text of a new message received while in driving mode.
- **Wake up command**: Set the device to start voice recognition by saying a wake up command while using **S Voice**.
- **Wake up in lock screen**: Set the device to recognise your wake up command when the screen is locked.
- **Set wake-up command**: Set a wake up command to launch **S Voice** or perform a specified function.
- **Check missed events**: Set the device to check missed calls, messages, or events when **S Voice** is launched by pressing the headset button.
- **Home address**: Enter your home address to use location information with the voice command feature.
- **Log in to Facebook**: Enter your Facebook account information to use Facebook with **S Voice**.
- **Log in to Twitter**: Enter your Twitter account information to use Twitter with **S Voice**.

For Google voice recognition, use the following options:

- **Language**: Select a language for the voice recognition.
- **Speech output**: Set the device to provide voice feedback to alert you to the current action.
- **Block offensive words**: Hide offensive words from voice search results.
- **Hotword detection**: Set the device to begin voice recognition when you say the wake up command while using the search application.
- **Download offline speech recognition**: Download and install language data for offline voice input.
- **Bluetooth headset**: Set the device to allow a voice search with a Bluetooth headset, when it is connected to the device.

Text-to-speech options

- **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Listen to an example**: Listen to the spoken text for an example.

Driving mode

Activate driving mode to set the device to read contents aloud and specify applications to use in driving mode.

Pointer speed

Adjust the pointer speed for the mouse or trackpad connected to your device.

Motions and gestures

Activate the motion recognition feature and change the settings that control motion recognition on your device.

- **Motion**:
  - **Direct call**: Set the device to make a voice call by picking up and holding the device near your ear while viewing call, message, or contact details.
  - **Smart alert**: Set the device to alert you if you have missed calls or new messages when you pick up the device.
  - **Zoom**: Set the device to zoom in or out while viewing images in **Gallery** or browsing webpages, when you tap and hold two points with your fingers and then tilt the device back and forth.
  - **Move an icon**: Set the device to move an item to another page when tapping and holding the item and then panning the device to the left or right.
  - **Browse an image**: Set the device to scroll through an image by moving the device in any direction when the image is zoomed in.
  - **Mute/Pause**: Set the device to mute incoming calls, alarms, and music, and the FM radio by placing the device face down.

- **Palm motion**:
  - **Capture screen**: Set the device to capture an image of the screen when you sweep your hand to the left or right across the screen.
  - **Mute/Pause**: Set the device to pause media playback or mute the FM radio when you touch the screen with your palm.
- **Gyroscope calibration**: Calibrate the gyroscope so your device can correctly recognise rotation.

> - Place the device on a stable surface during calibration. The calibration process may fail if the device vibrates or moves.
> - Calibrate the gyroscope when you experience drifting or unintended movements when using tilting or panning motions or motion-enabled games.

Smart screen

Smart stay: Set the device to prevent the display backlight from turning off while you are looking at the display.

Air view

Preview content or view information in a pop-up window by pointing at an item with your finger.

- **Information preview**: View information in a pop-up window by pointing at items with your finger.
- **Progress preview**: While playing music or videos, preview a scene or view the elapsed time by pointing at the progress bar with your finger.
- **Speed dial preview**: View contact information of speed dial numbers in a pop-up window by pointing at a speed dial number with your finger.
- **Webpage magnifier**: While browsing the Internet, magnify the content by pointing at the screen.
- **Sound and haptic feedback**: Set the device to sound and vibrate when pointing at items with your finger.

Voice control

Change settings to control options by voice commands.

Accounts

Add account

Add email or SNS accounts.

Cloud

Change settings for syncing data or files with your Samsung account or Dropbox cloud storage.

Backup and reset

Change the settings for managing settings and data.

- **Back up my data**: Set the device to back up settings and application data to the Google server.
- **Backup account**: Set up or edit your Google backup account.
- **Automatic restore**: Set the device to restore settings and application data when the applications are reinstalled on the device.
- **Factory data reset**: Reset settings to the factory default values and delete all data.

More

Customise settings for location services, security, and other options.

Location services

Change settings for location information permissions.

- **Access to my location**: Set the device to allow applications to use your current location information.
- **Use GPS satellites**: Set the device to use the GPS satellite for finding the current location.
- **Use wireless networks**: Set the device to allow location data collection or to determine the location of your lost or stolen device via Wi-Fi or mobile network.
- **My places**: Set up profiles that will be used for specific locations when you use GPS, Wi-Fi, or Bluetooth features to find your current location.

Security

Change settings for securing the device and the SIM or USIM card.

- **Encrypt device**: Set a password to encrypt data saved on the device. You must enter the password each time you turn on the device.

Charge the battery before enabling this setting because it may take more than an hour to encrypt your data.

- **Encrypt external SD card**: Set the device to encrypt files on a memory card.

If you reset your device to the factory defaults with this setting enabled, the device will not be able to read your encrypted files. Disable this setting before resetting the device.

- **Remote controls**: Set the device to allow control of your lost or stolen device remotely via the Internet. To use this feature, you must sign in to your Samsung account.
  - **Account registration**: Add or view your Samsung account.
  - **Use wireless networks**: Set the device to allow location data collection or to determine the location of your lost or stolen device via Wi-Fi or mobile network.

- **SIM Change Alert**: Activate or deactivate the Find my mobile feature which helps locate the device when lost or stolen.
- **Find my mobile web page**: Access the Find my mobile website (*findmymobile.samsung.com*). You can track and control your lost or stolen device on the Find my mobile website.
- **Set up SIM card lock**:
  - **Lock SIM card**: Activate or deactivate the PIN lock feature to require the PIN before using the device.
  - **Change SIM PIN**: Change the PIN used to access SIM or USIM data.
- **Make passwords visible**: Set the device to display passwords as they are entered.
- **Device administrators**: View device administrators installed on the device. You can allow device administrators to apply new policies to the device.
- **Unknown sources**: Choose to install applications from any source. If not chosen, download applications only from **Play Store**.
- **Verify apps**: Set this to allow Google to check the application for harmful behaviour before installing it.
- **Trusted credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install from device storage**: Install encrypted certificates stored on the USB storage.
- **Clear credentials**: Erase the credential contents from the device and reset the password.

Application manager

View and manage the applications on your device.

Battery

View the amount of battery power consumed by your device.

Storage

View memory information for your device and memory card, or format a memory card.

Formatting a memory card permanently deletes all data from it.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory.

Date and time

Access and alter the following settings to control how the device displays the time and date.

If the battery remains fully discharged or removed from the device, the time and date is reset.

- **Automatic date and time**: Automatically update the time and date when moving across time zones.
- **Set date**: Set the current date manually.
- **Set time**: Set the current time manually.
- **Automatic time zone**: Set the device to receive time zone information from the network when you move across time zones.
- **Select time zone**: Set the home time zone.
- **Use 24-hour format**: Display time in 24-hour format.
- **Select date format**: Select a date format.

About device

Access device information and update device software.

Google Settings

Use this application to configure settings for some features provided by Google.

Tap **Google Settings** on the Applications screen.

Troubleshooting

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

- Password: When the device lock feature is enabled, you must enter the password you set for the device.
- PIN: When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the Lock SIM card menu.
- PUK: Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
- PIN2: When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For details, contact your service provider.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

The touch screen responds slowly or improperly

If your device has a touch screen and the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognising your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Centre.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is frozen and unresponsive, press and hold the Power button for more than 7 seconds. The device reboots automatically.

If this does not solve the problem, perform a factory data reset. On the Applications screen, tap **Settings** → **Accounts** → **Backup and reset** → **Factory data reset** → **Reset device** → **Delete all**.

Calls are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected

- Ensure that you have pressed the Dial key.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialling.

Incoming calls are not connected

- Ensure that your device is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor

- Ensure that you are not blocking the device’s internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

When dialling from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.
- Ensure that you have not set call barring for the contact’s phone number.

The device beeps and the battery icon is empty

Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off

- The battery terminals may be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery no longer charges completely, dispose of the old battery properly and replace it with a new battery (refer to your local ordinances for proper disposal instructions).

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device’s lifespan or performance.

Error messages appear when launching the camera

Your Samsung device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Error messages appear when launching the FM radio

The FM radio application on your Samsung device uses the headset cable as an antenna. Without a headset connected, the FM radio cannot receive radio stations. To use the FM radio, first ensure that the headset is properly connected. Next, scan for and save the available radio stations.

If you still cannot use the FM radio after performing these steps, try accessing your desired station with another radio receiver. If you can hear the station with another receiver, your device may require service. Contact a Samsung Service Centre.

Error messages appear when opening music files

Some music files may not play on your Samsung device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your computer.
- If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer.
- Ensure that you have Samsung Kies 2.0 or Windows Media Player 10 or higher installed on your computer.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

Some content may differ from your device depending on the region, service provider, or software version, and is subject to change without prior notice.

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